

Send original copy by  
certified mail to the  
Texas Department of Water Resources  
P. O. Box 13087  
Austin, Texas 78711

State of Texas  
WATER WELL REPORT

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

For TDWR use only  
Well No. 65-14-7E  
Located on map YES  
Received: RUS

1) OWNER Jack Philpot (Kerville Bus Terminal) Address 2427 Bartlett Hou. TX. 77098  
(Name) (Street or RFD) (City) (State) (Zip)  
2) LOCATION OF WELL: Rusk County 0 miles in CENTRAL direction from HOUSTON  
(N.E., S.W., etc.) (Town)

Driller must complete the legal description to the right  
with distance and direction from two intersecting sec-  
tion or survey lines, or he must locate and identify the  
well on an official Quarter- or Half-Scale Texas County  
General Highway Map and attach the map to this form.

☐ Legal description:

Section No. \_\_\_\_\_ Block No. \_\_\_\_\_ Township \_\_\_\_\_

Abstract No. \_\_\_\_\_ Survey Name \_\_\_\_\_

Distance and direction from two intersecting section or survey lines \_\_\_\_\_

☐ See attached map. Map on 65-22-8D

3) TYPE OF WORK (Check):

☒ New Well ☐ Deepening  
☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):

☒ Domestic ☐ Industrial ☐ Public Supply  
☐ Irrigation ☐ Test Well ☐ Other \_\_\_\_\_

5) DRILLING METHOD (Check):

☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored  
☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other \_\_\_\_\_

6) WELL LOG:

DIAMETER OF HOLE

Dia. (in.) From (ft.) To (ft.)

6 3/4 Surface 384

Date drilled 2/20/81

7) BOREHOLE COMPLETION:

☐ Open Hole ☒ Straight Wall ☐ Underreamed  
☐ Gravel Packed ☐ Other \_\_\_\_\_

If Gravel Packed give interval . . . from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

From (ft.) To (ft.) Description and color of formation material

0	200	Clay
200	218	Sand
218	240	Sandy Clay
240	261	Sand
261	263	Clay
263	270	Sand
270	291	Clay
291	294	Sand
294	321	Clay
321	341	Sand
341	365	fine Silt Sand
365	374	Sand
374	375	Clay (break)
375	384	Sand

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
			From	To	
4	N	GALVANIZED Steel	0	358	
2	N	PLASTIC	364	374	.014
2	N	PLASTIC	374	384	.016

CEMENTING DATA

Cemented from 308 ft. to 358 ft.

Method used Hali burton

Cemented by Bussell & Son, INC.  
(Company or Individual)

9) WATER LEVEL:

Static level 181 ft. below land surface Date 2/23/81

Artesian flow \_\_\_\_\_ gpm. Date \_\_\_\_\_

10) PACKERS: Type Depth

11) TYPE PUMP:

☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder

☐ Other \_\_\_\_\_

Depth to pump bowls, cylinder, jet, etc., 252 ft.

12) WELL TESTS:

☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated

Yield: 55 gpm with 31 ft. drawdown after 2 hrs.

13) WATER QUALITY:

Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No

If yes, submit "REPORT OF UNDESIRABLE WATER"

Type of water? \_\_\_\_\_ Depth of strata \_\_\_\_\_

Was a chemical analysis made? ☐ Yes ☐ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Craig O. Bussell Water Well Drillers Registration No. #2035  
(Type or Print)

ADDRESS 9739 N. Hou. Rosslyn Hou. TX. 77088  
(Street or RFD) (City) (State) (Zip)

(Signed) Craig Bussell Bussell & Son, INC.  
(Water Well Driller) (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

**IMPORTANT NOTICE FOR PERSONS  
HAVING WELLS DRILLED CONCERNING  
PRIVILEGE OF CONFIDENTIALITY**

The Water Well Drillers Board and the Department of Water Resources are concerned that some persons having water wells drilled may not be aware of the confidentiality privilege provision of Section 5 of the Water Well Drillers Act. Section 5, the Reporting of Well Logs, reads as follows:

"Every registered water well driller drilling, deepening, or otherwise altering a water well within this State shall make and keep, or cause to be made and kept, a legible and accurate well log, and within sixty (60) days from the completion or cessation of drilling, deepening or otherwise altering such a water well, shall deliver or transmit by certified mail a copy of such well log to the Commission, and the owner thereof or the person having had such well drilled. The well log required herein shall at the request in writing to the Commission, by certified mail, by the owner or the person having such well drilled be held as confidential matter and not made of public record."

The last sentence specifies the means whereby you can, if you wish, assure that logs of your wells will be kept confidential. Please note that the term "Commission" in the above-quoted section and elsewhere in the Water Well Drillers Act now properly means the Texas Department of Water Resources (P. O. Box 13087; Austin, Texas 78711).

**RECEIVED**  
NOV 10 1981  
DEPT. OF  
WATER RESOURCES

Send original copy by  
certified mail to the  
Texas Department of Water Resources  
P. O. Box 13087  
Austin, Texas 78711

State of Texas  
WATER WELL REPORT

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

For TDWR use only  
Well No. 05-14-7H  
Located on map YES  
Received: C.F.R.

1) OWNER M.E. Heslop Address 13501 Robertsvale Houston, TX  
(Name) (Street or RFD) (City) (State) (Zip)  
2) LOCATION OF WELL: Harris  
County miles in direction from  
(N.E., S.W., etc.) (Town)

SEE COUNTY MAP (No. 4)

Driller must complete the legal description to the right  
with distance and direction from two intersecting sec-  
tion or survey lines, or he must locate and identify the  
well on an official Quarter- or Half-Scale Texas County  
General Highway Map and attach the map to this form.

☐ Legal description:  
Section No. 413 J Block No. Township  
Abstract No. Survey Name  
Distance and direction from two intersecting section or survey lines  
☒ See attached map.

3) TYPE OF WORK (Check):  
☒ New Well ☐ Deepening  
☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):  
☒ Domestic ☐ Industrial ☐ Public Supply  
☐ Irrigation ☐ Test Well ☐ Other

5) DRILLING METHOD (Check):  
☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored  
☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other

6) WELL LOG:

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
	Surface	
4	0	348'
6 3/4	0	324'

Date drilled 7-31-79

7) BOREHOLE COMPLETION:

☐ Open Hole ☒ Straight Wall ☐ Underreamed  
☐ Gravel Packed ☐ Other  
If Gravel Packed give interval . . . from ft. to ft.

From To  
(ft.) (ft.) Description and color of formation  
material

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

From (ft.)	To (ft.)	Description and color of formation material	Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.)		Gage Casing Screen
						From	To	
0-10		Surface						
10-19		Yellow & gray clay	4	N	Sch. 40 PVC	0	324	
19-24		Red & white clay	2 1/2	N	Well Supplies, Inc.	348	328	
24-36		Red clay	2 1/2	N	Sch. 40 liner	328	324	
36-42		Red shale						
42-58		Red & white clay						
58-72		White clay						
72-85		Red clay						
85-104		Red & white clay						
104-118		White clay						
118-137		Red & white clay						
137-165		Sand						
165-171		White clay						
171-188		Sand						
188-214		White clay						
214-236		Sand						
236-238		Rock						
238-259		Sand						
259-274		Red & white clay						
274-301		Sand						
301-305		Rock						
305-312		Sand						
312-316		White clay						
316-348		Sand						

CEMENTING DATA

Cemented from 324 ft. to Surface ft.  
Method used Pressure  
Cemented by RAYMOND WATER WELLS  
(Company or Individual)

9) WATER LEVEL:

Static level 200 ft. below land surface Date 7-79  
Artesian flow gpm. Date

10) PACKERS:

Type Depth  
R & L "K" 324

11) TYPE PUMP:

☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder  
☐ Other  
Depth to pump bowls, cylinder, jet, etc., 252 ft.

12) WELL TESTS:

☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated  
Yield: gpm with ft. drawdown after hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that  
each and all of the statements herein are true to the best of my knowledge and belief.

NAME C.A. Raymond, Jr. Water Well Drillers Registration No. TDL 774  
(Type or Print)

ADDRESS 10011 Airline Dr. Houston, TX 77037  
(Street or RFD) (City) (State) (Zip)

(Signed) C.A. Raymond Jr. RAYMOND WATER WELLS  
(Water Well Driller) (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

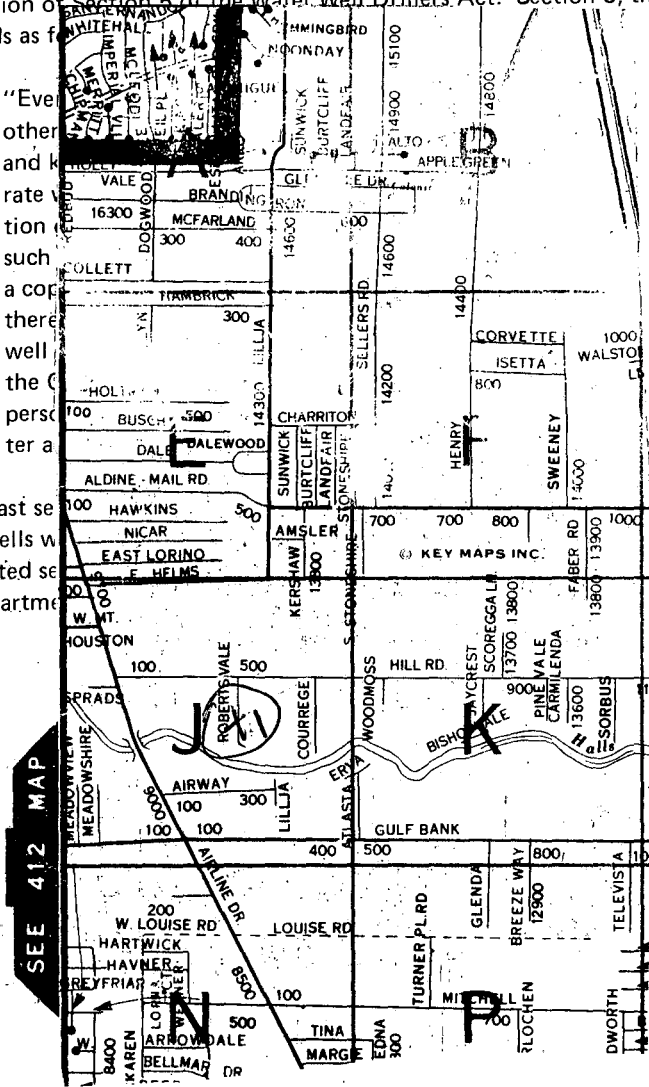
# IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING PRIVILEGE OF CONFIDENTIALITY

The Water Well Drillers Board and the Department of Water Resources are concerned that some persons having water wells drilled may not be aware of the confidentiality privilege provision of Section 5 of the Water Well Drillers Act. Section 5, the Reporting of Well Logs, reads as follows:

"Even other and k rate tion such a cop there well the C persc ter a

The last se logs of your wells w the above-quoted se the Texas Departm

, assure that mission" in properly means 78711).



RECEIVED  
NOV 12 1950  
TEXAS DEPT  
OF  
WATER RESOURCES

1) OWNER:  
Person having well drilled Olds Press and Forge Address 3303 Carr St. Houston, TX  
(Name) (Street or RFD) (City) (State)  
Landowner Same Address Same  
(Name) (Street or RFD) (City) (State)

2) LOCATION OF WELL:  
County Harris miles in direction from  
(N.E., S.W., etc.) (Town)  
Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.\* or Give legal location with distances and directions from adjacent sections or survey lines.  
SEE REVERSE SIDE North  
(Use reverse side if necessary) Labor League  
Block Survey  
Abstract No.  
(NW¼, NE¼, SW¼, SE¼) of Section

3) TYPE OF WORK (Check):  
New Well X Deepening  
Reconditioning Plugging  
4) PROPOSED USE (Check):  
Domestic Industrial X Municipal  
Irrigation Test Well Other  
5) TYPE OF WELL (Check):  
Rotary X Driven Dug  
Cable Jetted Bored

6) WELL LOG:  
Diameter of hole 4 in. Depth drilled 302 ft. Depth of completed well 302 ft. Date drilled 12-20-74  
All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material	9) Casing: Type: Old New Steel X Plastic Other Cemented from ft. to ft. Diameter (inches) Setting From (ft.) To (ft.) Gage
0	24	Surface Clay	
24	48	Clay	
48	72	Clay and Sand	
72	96	Clay	
96	120	Clay and Sand Streaks	
120	144	Sand and Gravel	
144	168	Sand and Clay	
168	192	Sand and Gravel	
192	216	Sand and Clay	
216	240	Clay and Sand	
240	264	Sand and Shell	
264	302	Sand (Use reverse side if necessary)	
			10) SCREEN: Type Stainless steel rod base Perforated X Slotted Diameter (inches) Setting From (ft.) To (ft.) Slot Size
			#12 guage 292 302
			2 1/2" Blank 278 292

7) COMPLETION (Check):  
Straight wall X Gravel packed Other  
Under reamed Open Hole  
8) WATER LEVEL:  
Static level 152 ft. below land surface Date 12-20-74  
Artesian pressure lbs. per square inch Date  
Depth to pump bowls, cylinder, jet, etc., 283 ft. below land surface.  
11) WELL TESTS:  
Was a pump test made? Yes No X If yes, by whom?  
Yield: gpm with ft. drawdown after hrs.  
Bailer test gpm with ft. drawdown after hrs.  
Artesian flow gpm  
Temperature of water  
12) WATER QUALITY:  
Was a chemical analysis made? Yes No X  
Did any strata contain undesirable water? Yes No  
Type of water? depth of strata

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.  
NAME R. B. Lowry Water Well Drillers Registration No. 146  
(Type or Print)  
ADDRESS 4012 Fulton; P.O. Box 8707; Houston, TX 77009  
(Street or RFD) (City) (State)  
(Signed) LOWRY WATER WELLS  
(Water Well Driller) (Company Name)  
Please attach electric log, chemical analysis, and other pertinent information, if available.

\*Additional instructions on reverse side.

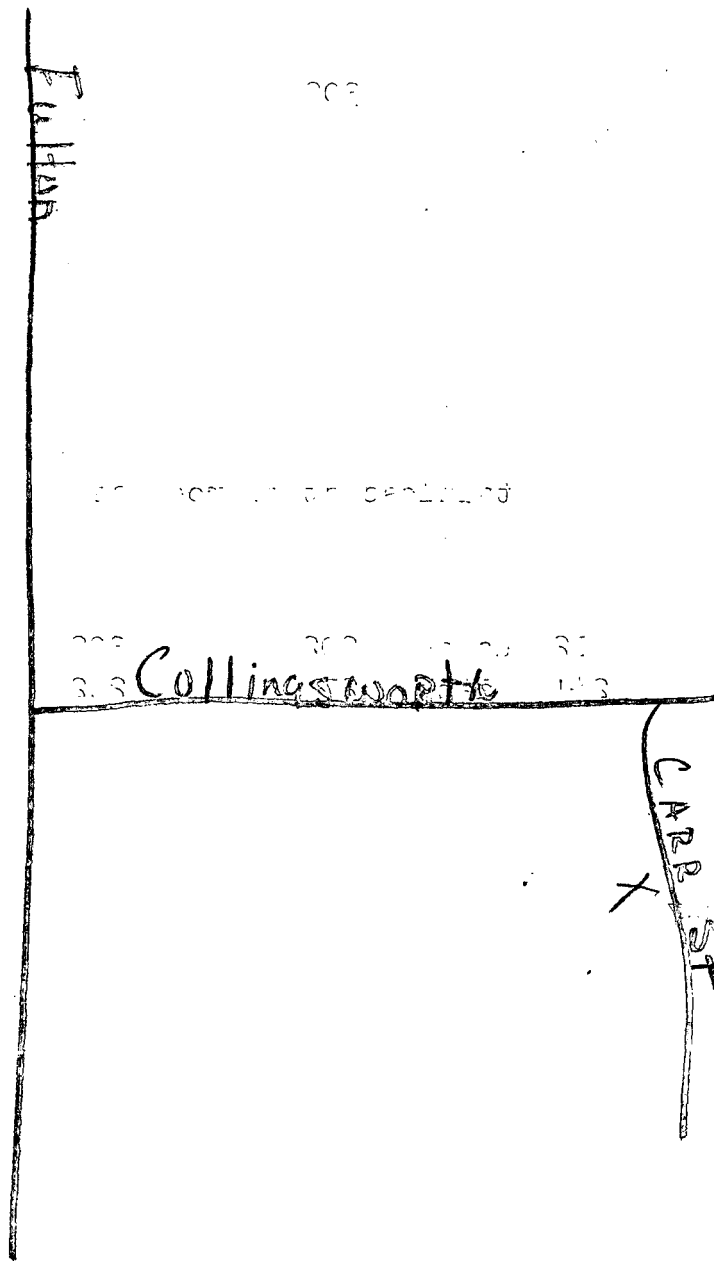
2) LOCATION OF WELL:

The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

When giving a legal description include a sketch showing location of the well within the described area. e.g. survey abstract.

Information furnished in Section 2) of the TWDBE-GW-53 is very important. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.



RECEIVED  
MAY 13 1975  
Central Records  
Texas Water Development Board

RECEIVED  
JAN 27 1975  
TEXAS WATER  
DEVELOPMENT BOARD

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certified mail to the  
Texas Department of Water Resources  
P. O. Box 13087  
Austin, Texas 78711

State of Texas  
WATER WELL REPORT

Texas Water Well Drillers Board  
P. O. Box 13087  
Austin, Texas 78711

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER M + N Well Ser Address 4422 Gaston Houston 77093 TX  
(Name) (Street or RFD) (City) (State) (Zip)  
2) LOCATION OF WELL:  
County Harris miles in \_\_\_\_\_ direction from \_\_\_\_\_  
(N.E., S.W., etc.) (Town)

☐ Legal description:  
Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.  
Section No. \_\_\_\_\_ Block No. \_\_\_\_\_ Township \_\_\_\_\_  
Abstract No. \_\_\_\_\_ Survey Name \_\_\_\_\_  
Distance and direction from two intersecting section or survey lines \_\_\_\_\_  
☒ See attached map. map on 65-14-4J

3) TYPE OF WORK (Check):  
☒ New Well ☐ Deepening  
☐ Reconditioning ☐ Plugging  
4) PROPOSED USE (Check):  
☒ Domestic ☐ Industrial ☐ Public Supply  
☐ Irrigation ☐ Test Well ☐ Other \_\_\_\_\_  
5) DRILLING METHOD (Check):  
☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored  
☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other \_\_\_\_\_

6) WELL LOG:  
Date drilled 6-1-85  
DIAMETER OF HOLE  
Dia. (in.) From (ft.) To (ft.)  
Surface 0 3/4 0 346  
7) BOREHOLE COMPLETION:  
☐ Open Hole ☐ Straight Wall ☐ Underreamed  
☐ Gravel Packed ☐ Other 2 Abrus  
If Gravel Packed give interval . . . from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

From (ft.)	To (ft.)	Description and color of formation material	Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
						From	To	
<u>0 - 94</u>	<u>TS clay</u>							
<u>94 - 106</u>	<u>sand</u>							
<u>106 - 220</u>	<u>clay</u>							
<u>220 - 252</u>	<u>sand</u>							
<u>252 - 323</u>	<u>clay</u>							
<u>323 - 346</u>	<u>sand</u>							

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:  
Dia. (in.) New or Used Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial Setting (ft.) Gage Casing Screen  
4 IN PVC Well Cas. 0 - 330  
2 1/2 IN " Screen 330 - 346

CEMENTING DATA  
Cemented from 0 ft. to 330 ft.  
Method used Pressure  
Cemented by Heald Otto  
(Company or Individual)

9) WATER LEVEL:  
Static level 235 ft. below land surface Date 6-2-85  
Artesian flow \_\_\_\_\_ gpm. Date \_\_\_\_\_

10) PACKERS: Type Depth  
4X 2 1/2 K Pade 325

11) TYPE PUMP:  
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder  
☐ Other \_\_\_\_\_  
Depth to pump bowls, cylinder, jet, etc., \_\_\_\_\_ ft.  
Did not set pump

12) WELL TESTS:  
☐ Type Test: ☐ Pump ☒ Bailor ☐ Jetted ☐ Estimated  
Yield: \_\_\_\_\_ gpm with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.

13) WATER QUALITY:  
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No  
If yes, submit "REPORT OF UNDESIRABLE WATER"  
Type of water? \_\_\_\_\_ Depth of strata \_\_\_\_\_  
Was a chemical analysis made? ☐ Yes ☒ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.  
COMPANY NAME ALLWEATHER W.W. Dr. Water Well Driller's License No. 1929  
(Type or Print)  
ADDRESS 25330 Richard Rd Spring TX 77386  
(Street or RFD) (City) (State) (Zip)  
(Signed) OK. Billings (Signed) \_\_\_\_\_  
(Licensed Water Well Driller) (Registered Driller Trainee)  
Please attach electric log, chemical analysis, and other pertinent information, if available.  
For TDWR use only  
Well No. 65-14-7M  
Located on map YES C.F.S.

**IMPORTANT NOTICE FOR PERSONS  
HAVING WELLS DRILLED CONCERNING  
PRIVILEGE OF CONFIDENTIALITY**

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The last sentence specifies the means whereby you can, if you wish, assure that logs of your wells will be kept confidential. Please note that the term "Commission" in the above-quoted section and elsewhere in the Water Well Drillers Act now properly means the Texas Department of Water Resources (P. O. Box 13087; Austin, Texas 78711).



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Austin, Texas 78711

State of Texas  
WATER WELL REPORT

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

Texas Water Well Drillers Board  
P. O. Box 13087  
Austin, Texas 78711

1) OWNER Houston International Teleport, Inc. Address 3003 Moffett Houston, Tx.  
(Name) (Street or RFD) (City) (State) (Zip)  
2) LOCATION OF WELL:  
County Harris miles in \_\_\_\_\_ direction from \_\_\_\_\_  
(N.E., S.W., etc.) (Town)

Driller must complete the legal description to the right  
with distance and direction from two intersecting sec-  
tion or survey lines, or he must locate and identify the  
well on an official Quarter- or Half-Scale Texas County  
General Highway Map and attach the map to this form.

☐ Legal description:

Section No. \_\_\_\_\_ Block No. \_\_\_\_\_ Township \_\_\_\_\_

Abstract No. \_\_\_\_\_ Survey Name \_\_\_\_\_

Distance and direction from two intersecting section or survey lines \_\_\_\_\_

☒ See attached map. No Map

3) TYPE OF WORK (Check):

☒ New Well ☐ Deepening  
☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):

☐ Domestic ☒ Industrial ☒ Public Supply  
☐ Irrigation ☐ Test Well ☐ Other \_\_\_\_\_

5) DRILLING METHOD (Check):

☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored  
☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other \_\_\_\_\_

6) WELL LOG:

Date drilled 4-11-85

DIAMETER OF HOLE

Dia. (in.) From (ft.) To (ft.)

4 3/4	Surface	80'
10"	"	50'

7) BOREHOLE COMPLETION:

☐ Open Hole ☐ Straight Wall ☐ Underreamed  
☐ Gravel Packed ☒ Other Two-String  
If Gravel Packed give interval ... from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	20	top soil & black clay
20	40	gray clay
40	60	gray clay
60	80	sand 12 ga.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
			From	To	
6"	N	Class 200 PVC Casing	+24"	50	
4"	N	Well Supplies, Inc.			
		Screen	80'	60'	12ga
4"	N	PVC Blank Liner	60'	64'	

9) CEMENTING DATA [Rule 319.44(b)]

Cemented from 60 ft. to Surface ft.  
\_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
Method used Pressure cement  
Cemented by Raymond Water Wells

10) SURFACE COMPLETION

☒ Specified Surface Slab Installed [Rule 319.44(c)]  
☐ Pitless Adapter Used [Rule 319.44(d)]  
☐ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:

Static level 30' ft. below land surface Date \_\_\_\_\_  
Artesian flow \_\_\_\_\_ gpm. Date \_\_\_\_\_

12) PACKERS: Type Depth

13) TYPE PUMP:

☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder  
☐ Other \_\_\_\_\_  
Depth to pump bowls, cylinder, jet, etc., 60' ft.

14) WELL TESTS:

Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☒ Estimated  
Yield: 27 gpm with 5 ft. drawdown after 4 hrs.

15) WATER QUALITY:

Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No  
If yes, submit "REPORT OF UNDESIRABLE WATER"  
Type of water? \_\_\_\_\_ Depth of strata \_\_\_\_\_  
Was a chemical analysis made? ☐ Yes ☒ No

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Raymond Water Wells Water Well Driller's License No. 774  
(Type or Print)

ADDRESS 10011 Airline Dr. Houston, Tx. 77037  
(Street or RFD) (City) (State) (Zip)

(Signed) C.A. Raymond Jr. (Signed) \_\_\_\_\_  
(Licensed Water Well Driller) (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only  
Well No. 65-14-7N  
Located on map Yes DLF

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"Every licensed water well driller drilling, deepening or otherwise altering a water well within this State shall make and keep, or cause to be made and kept, a legible and accurate well log, and within 30 days from the completion or cessation of drilling, deepening or otherwise altering such a water well, shall deliver or transmit by certified mail a copy of such well log to the department, and the owner thereof or the person having had such well drilled. Each copy of a well log, other than a department copy, shall include the name, mailing address, and telephone number of the Board and the department. The well log required herein shall at the request in writing to the department, by certified mail, by the owner or the person having such well drilled be held as confidential matter and not made of public record."

The last sentence specifies the means whereby you can, if you wish, assure that logs of your wells will be kept confidential.

30

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas  
WATER WELL REPORT

For TWDB use only  
Well No. 65-14-76  
Located on map Yes  
Received: 7/5/74  
dlr

1) OWNER:  
Person having well drilled, Gifford-Hill American, Inc. Address PO Box 47127 Dallas Texas  
(Name) (Street or RFD) (City) (State)

Landowner Gifford Hill Address Irvington  
(Name) (Street or RFD) (City) (State)

2) LOCATION OF WELL: JARRIS County, \_\_\_\_\_ miles in \_\_\_\_\_ direction from \_\_\_\_\_  
(N.E., S.W., etc.) (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.\*  
IRVINGTON  
map on 65-31-2N North  
(Use reverse side if necessary)

or  
Give legal location with distances and directions from adjacent sections or survey lines.  
Labor \_\_\_\_\_ League \_\_\_\_\_  
Block \_\_\_\_\_ Survey \_\_\_\_\_  
Abstract No. \_\_\_\_\_  
(NW¼ NE¼ SW¼ SE¼) of Section \_\_\_\_\_

3) TYPE OF WORK (Check):  
☒ New Well ☐ Deepening  
☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):  
☐ Domestic ☒ Industrial ☐ Municipal  
☐ Irrigation ☐ Test Well ☐ Other

5) TYPE OF WELL (Check):  
☒ Rotary ☐ Driven ☐ Dug  
☐ Cable ☐ Jetted ☐ Bored

6) WELL LOG:  
Diameter of hole 9" in. Depth drilled 552 ft. Depth of completed well 552 ft. Date drilled 8/19/74  
All measurements made from 4 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material	9) Casing: Type: Old <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> Steel <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Other <input type="checkbox"/> Cemented from <u>0</u> ft. to <u>454'</u> ft.
0	3	Top Soil	
3	405	Clay	
405	440	S and	
440	453	Clay	
453	480	S and	
480	490	Clay	
490	504	S and	
504	508	Clay	
508	524	S and	
(Use reverse side if necessary)			
			10) SCREEN: Type <u>SSR</u> Perforated <input checked="" type="checkbox"/> Slotted <input type="checkbox"/> Diameter (inches) Setting From (ft.) To (ft.) Slot Size <u>4</u> <u>480</u> <u>504</u> .016 <u>4</u> <u>508</u> <u>524</u> .016

7) COMPLETION (Check):  
☒ Straight wall ☐ Gravel packed ☐ Other  
☐ Under reamed ☐ Open Hole

8) WATER LEVEL:  
Static level 264 ft. below land surface Date 9/23/74  
Artesian pressure \_\_\_\_\_ lbs. per square inch Date \_\_\_\_\_  
Depth to pump bowls, cylinder, jet, etc., 354 ft. below land surface.

11) WELL TESTS:  
Was a pump test made? Yes ☒ No ☐ If yes, by whom? \_\_\_\_\_  
Yield: \_\_\_\_\_ gpm with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
Bailer test \_\_\_\_\_ gpm with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
Artesian flow \_\_\_\_\_ gpm  
Temperature of water \_\_\_\_\_

12) WATER QUALITY:  
Was a chemical analysis made? Yes ☒ No ☐  
Did any strata contain undesirable water? Yes ☐ No ☒  
Type of water? \_\_\_\_\_ depth of strata \_\_\_\_\_

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Carl Russell Water Well Drillers Registration No. 1581  
(Type or Print)

ADDRESS 9739 N Houston-Rosslyn Houston Texas  
(Street or RFD) (City) (State)

(Signed) Carl Russell Bussell & Son, Inc.  
(Water Well Driller) (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

\*Additional instructions on reverse side.

TWDBE-WD-8

1/3

2) LOCATION OF WELL:

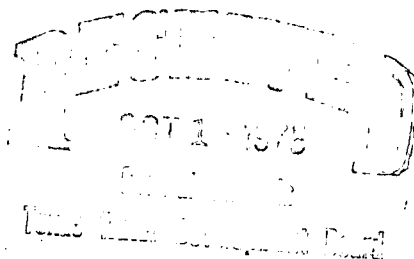
The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

When giving a legal description include a sketch showing location of the well within the described area. e.g. survey abstract.

Information furnished in Section 2) of the TWDBE-GW-53 is very important. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.

RECEIVED  
APR 22 1975  
TEXAS WATER  
DEVELOPMENT BOARD



82

65-14-7H

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only  
Well No. 65-14-7H  
Located on map Yes  
Received: 76  
dlr

1) OWNER:  
Person having well drilled NATIONAL BEVERAGE Co Address 1600 STUDEMONT Houston 77007 TEXAS  
(Name) (Street or RFD) (City) (State)  
Landowner SAME Address SAME  
(Name) (Street or RFD) (City) (State)

2) LOCATION OF WELL:  
County HARRIS, miles in direction from (N.E., S.W., etc.) (Town)  
Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.\*  
map on #82  
65-08-9X  
North  
(Use reverse side if necessary)

or  
Give legal location with distances and directions from adjacent sections or survey lines.  
Labor League  
Block Survey  
Abstract No.  
(NW¼ NE¼ SW¼ SE¼) of Section

3) TYPE OF WORK (Check):  
New Well ☒ Deepening  
Reconditioning ☐ Plugging

4) PROPOSED USE (Check):  
Domestic ☒ Industrial  
Irrigation ☐ Test Well ☐ Other

5) TYPE OF WELL (Check):  
Rotary ☒ Driven  
Cable ☐ Jetted ☐ Bored

6) WELL LOG:  
Diameter of hole 6 1/2" in. Depth drilled 338 ft. Depth of completed well 338 ft. Date drilled 6-12-75  
All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	4'	Top Soil
4'	290'	UNCONSOLIDATED
290'	338'	SAND & GRAVEL

9) CASING:  
Type: Old New ☒ Steel Plastic ☒ Other  
Cemented from 240 ft. to 290 ft.  
Diameter (inches) Setting From (ft.) To (ft.) Gage  
4" 0 290

10) SCREEN:  
Type S.S. Rod Base  
Perforated ☐ Slotted ☒  
Diameter (inches) Setting From (ft.) To (ft.) Slot Size  
2" 318 338 16ga

(Use reverse side if necessary)

7) COMPLETION (Check):  
Straight wall ☒ Gravel packed ☐ Other ☐  
Under reamed ☐ Open Hole ☐

8) WATER LEVEL:  
Static level 15' 0" ft. below land surface Date 6-12-75  
Artesian pressure lbs. per square inch Date  
Depth to pump bowls, cylinder, jet, etc., 190' ft. below land surface.

11) WELL TESTS:  
Was a pump test made? Yes No ☒ If yes, by whom?  
Yield: gpm with ft. drawdown after hrs.  
Bailer test gpm with ft. drawdown after hrs.  
Artesian flow gpm  
Temperature of water

12) WATER QUALITY:  
Was a chemical analysis made? Yes No ☒  
Did any strata contain undesirable water? Yes No ☒  
Type of water? depth of strata

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Tommy C. Busse 11 Water Well Drillers Registration No. 707  
(Type or Print)  
ADDRESS 923 N. Hwy. Pershwa Hwy. Tex  
(Street or RFD) (City) (State)  
(Signed) Tommy C. Busse 11 Busse 11 & Son Inc.  
(Water Well Driller) (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

\*Additional instructions on reverse side.

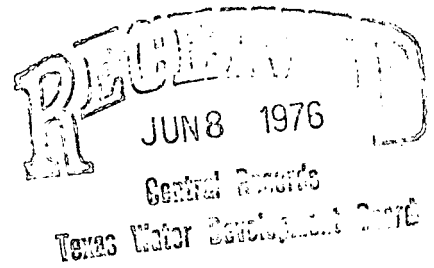
2) LOCATION OF WELL:

The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated:

When giving a legal description include a sketch showing location of the well within the described area. e.g. survey abstract.

Information furnished in Section 2) of the TWDDE-GW-53 is very important. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.



1.3 m. SINK  
1.0 m. ELOW

23

Send original copy by  
certified mail to the  
Texas Department of Water Resources  
P. O. Box 13087  
Austin, Texas 78711

State of Texas  
WATER WELL REPORT

Texas Water Well Drillers Board  
P. O. Box 13087  
Austin, Texas 78711

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER Dr. Carroll Address 3921 Lyons Ave. Houston, Tx.  
(Name) (Street or RFD) (City) (State) (Zip)  
2) LOCATION OF WELL: Harris 2 miles in NE direction from Houston  
County (N.E., S.W., etc.) (Town)

☐ Legal description:

Driller must complete the legal description to the right  
with distance and direction from two intersecting section  
or survey lines, or he must locate and identify the  
well on an official Quarter- or Half-Scale Texas County  
General Highway Map and attach the map to this form.

Section No. \_\_\_\_\_ Block No. \_\_\_\_\_ Township \_\_\_\_\_

Abstract No. \_\_\_\_\_ Survey Name \_\_\_\_\_

Distance and direction from two intersecting section or survey lines \_\_\_\_\_

☐ See attached map. 0165-05-9

3) TYPE OF WORK (Check):  
☒ New Well ☐ Deepening  
☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):  
☐ Domestic ☐ Industrial ☐ Public Supply  
☐ Irrigation ☐ Test Well ☒ Other  
Ground Water Heat Pump

5) DRILLING METHOD (Check):  
☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored  
☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other \_\_\_\_\_

6) WELL LOG:

DIAMETER OF HOLE  
Dia. (in.) From (ft.) To (ft.)  
Surface  
Date drilled 12/6/84 6-3/4 530

7) BOREHOLE COMPLETION:

☐ Open Hole ☐ Straight Wall ☐ Underreamed  
☐ Gravel Packed ☒ Other 2 string cemented  
If Gravel Packed give interval . . . from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	30	Clay
30	65	Sand
65	140	Shale
140	190	Clay
190	230	Sand
230	300	Clay & Shale
300	320	Sand
320	350	Clay
350	410	Sand
410	460	Clay
460	530	Sand

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
			From	To	
4"	N	Steel Casing	0	483	Sch.
2 1/2"	N	PVC Blank Liner	475	490	40"
2 1/2"	N	PVC Screen	490	530	.012

CEMENTING DATA

Cemented from 483 ft. to 0 ft.  
Method used Halliburton  
Cemented by Robinson Water Well  
(Company or Individual)

9) WATER LEVEL:

Static level 198 ft. below land surface Date \_\_\_\_\_  
Artesian flow \_\_\_\_\_ gpm. Date \_\_\_\_\_

10) PACKERS: Type Depth

K 475

11) TYPE PUMP: 3HP 17-stage Jacuzzi

☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder  
☐ Other \_\_\_\_\_

Depth to pump bowls, cylinder, jet, etc., 315 ft.

13) WATER QUALITY:

Did you knowingly penetrate any strata which contained undesirable  
water? ☐ Yes ☒ No  
If yes, submit "REPORT OF UNDESIRABLE WATER"  
Type of water? potable Depth of strata \_\_\_\_\_  
Was a chemical analysis made? ☐ Yes ☐ No

12) WELL TESTS:

☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated  
Yield: \_\_\_\_\_ gpm with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that  
each and all of the statements herein are true to the best of my knowledge and belief.

COMPANY NAME Robinson Water Well  
(Type or Print)

Water Well Driller's License No. 11607 FM 149 1464

ADDRESS 11607 FM 149  
(Street or RFD)

Houston,  
(City)

Tx.  
(State)

77086  
(Zip)

(Signed) M.E. Robinson  
(Licensed Water Well Driller)

(Signed) \_\_\_\_\_  
(Registered Driller Trainee)

For TDWR use only  
Well No. 65-14-7  
Located on map \_\_\_\_\_

Please attach electric log, chemical analysis, and other pertinent information, if available.

**IMPORTANT NOTICE FOR PERSONS  
HAVING WELLS DRILLED CONCERNING  
PRIVILEGE OF CONFIDENTIALITY**

The Water Well Drillers Board and the Department of Water Resources are concerned that some persons having water wells drilled may not be aware of the confidentiality privilege provision of Section 5 of the Water Well Drillers Act. Section 5, the Reporting of Well Logs, reads as follows:

"Every registered water well driller drilling, deepening, or otherwise altering a water well within this State shall make and keep, or cause to be made and kept, a legible and accurate well log, and within sixty (60) days from the completion or cessation of drilling, deepening or otherwise altering such a water well, shall deliver or transmit by certified mail a copy of such well log to the Commission, and the owner thereof or the person having had such well drilled. The well log required herein shall at the request in writing to the Commission, by certified mail, by the owner or the person having such well drilled be held as confidential matter and not made of public record."

The last sentence specifies the means whereby you can, if you wish, assure that logs of your wells will be kept confidential. Please note that the term "Commission" in the above-quoted section and elsewhere in the Water Well Drillers Act now properly means the Texas Department of Water Resources (P. O. Box 13087; Austin, Texas 78711).



Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas  
WATER WELL REPORT

For TWDB use only  
Well No. 65-14-70  
Located on map yes  
Received: 67  
Form GW 8  
Form GW 9

1) OWNER:  
Person having well drilled Power-Pac Co., Inc. Address 1514 Telephone, Houston, Texas  
(Name) (Street or RFD) (City) (State)  
Landowner Fina Oil Co. Address Houston, Texas  
(Name) (Street or RFD) (City) (State)

2) LOCATION OF WELL: Harris County Labor \_\_\_\_\_ League \_\_\_\_\_ Abstract No. \_\_\_\_\_  
NW  $\frac{1}{4}$  NE  $\frac{1}{4}$  SW  $\frac{1}{4}$  SE  $\frac{1}{4}$  of Section \_\_\_\_\_ Block No. \_\_\_\_\_ Survey \_\_\_\_\_  
(Circle as many as are known)  
miles in \_\_\_\_\_ direction from \_\_\_\_\_  
(NE, SW, etc.) (Town)  
**LOCATION OF WELL: Highway 75 & Richey Rd.**  

Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and creeks.

3) TYPE OF WORK (Check):  
New Well ☒ Deepening ☐  
Reconditioning ☐ Plugging ☐  
4) PROPOSED USE (Check): Service Sta.  
Domestic ☐ Industrial ☐ Municipal ☐  
Irrigation ☐ Test Well ☐ Other ☐  
5) TYPE OF WELL (Check):  
Rotary ☒ Driven ☐ Dug ☐  
Cable ☐ Jetted ☐ Bored ☐

6) WELL LOG:  
Diameter of hole 4" in. Depth drilled 358 ft. Depth of completed well 358 ft. Date drilled 8/10/67  
All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material	From (ft.)	To (ft.)	Description and color of formation material
0	35	Surface White Clay	248	253	Shale Broken
35	48	Red Clay	253	264	Sand
48	113	Brown Clay	264	298	Sand Rock & Broken Shale
113	144	Sand	298	308	Sand
144	186	Hard Shale	308	329	Shale Sandy
186	232	Sand	329	338	Very Sandy Broken Sand Rock
232	233	Shale Break	338	358	Sand
233	248	Sand			(Use reverse side if necessary)

7) COMPLETION (Check):  
Straight wall ☒ Gravel packed ☐ Other ☐  
Under reamed ☐ Open hole ☐  
8) WATER LEVEL:  
Static level 102 ft. below land surface Date 8/10/67  
Artesian pressure \_\_\_\_\_ lbs. per square inch Date \_\_\_\_\_

9) CASING:  
Type: old ☐ New ☒ Steel ☒ Plastic ☐ Other ☐  
Cemented from 0 ft. to 343 ft.  
10) SCREEN:  
Type LOP-012 Stainless  
Perforated ☐ Slotted ☐

Diameter (inches)	Setting		Gage	Diameter (inches)	Setting		Slot size
	From (ft.)	To (ft.)			From (ft.)	To (ft.)	
4"	0	343		2 $\frac{1}{2}$ "	342	357	.012

11) WELL TESTS:  
Was a pump test made? ☒ Yes ☐ No If yes by whom? With Air  
Yield: \_\_\_\_\_ gpm with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs  
Bailer test \_\_\_\_\_ gpm with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs  
Artesian flow \_\_\_\_\_ gpm Date \_\_\_\_\_  
Temperature of water \_\_\_\_\_  
Was a chemical analysis made? ☐ Yes ☒ No  
Did any strata contain undesirable water? ☐ Yes ☐ No  
Type of water? \_\_\_\_\_ depth of strata \_\_\_\_\_  
12) PUMP DATA:  
Manufacturer's Name Jacuzzi Mfg. Co.  
Type Submersible H.P. 2  
Designed pumping rate \_\_\_\_\_ gpm ☐ gph ☐  
Type power unit Electric  
Depth to bowls, cylinder, jet, etc., 168 ft. below land surface.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.  
NAME R. B. Lowry Water Well Drillers Registration No. 146  
(Type or Print)  
Address 4012 Fulton Street Houston Texas  
(Street or RFD) (City) (State)  
(Signed) R. B. Lowry LOWRY WATER WELLS  
(Water Well Driller) (Company Name)  
Please attach electric log, chemical analysis, and other pertinent information, if available.

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OCT 13 1967

Central Records  
Texas Water Development Board

DEVELOPMENT BOARD  
OCT 6 1967

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas  
WATER WELL REPORT

For TWDB use only  
Well No. 62-14-7C  
Located on map 485  
Received: 6-2-66  
Form GW 8  
Form GW 9

1) OWNER:  
Person having well drilled Olds Press & Forge  
(Name) Address 3303 Carr St. Houston, Tex.  
(Street or RFD) (City) (State)  
Landowner Same  
(Name) Address  
(Street or RFD) (City) (State)

2) LOCATION OF WELL:  
County Harris Labor League Abstract No.  
NW 1/4 NE 1/4 SW 1/4 SE 1/4 of Section Block No. Survey  
(Circle as many as are known)  
miles in direction from  
(NE, SW, etc.) (Town)  
LOCATION OF WELL: 3303 Carr St. Houston, Texas.  
Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and creeks.

3) TYPE OF WORK (Check):  
New Well ☒ Deepening ☐  
Reconditioning ☐ Plugging ☐  
4) PROPOSED USE (Check):  
Domestic ☐ Industrial ☒ Municipal ☐  
Irrigation ☐ Test Well ☐ Other ☐  
5) TYPE OF WELL (Check):  
Rotary ☒ Driven ☐ Dug ☐  
Cable ☐ Jetted ☐ Bored ☐

6) WELL LOG:  
Diameter of hole 4" in. Depth drilled 302 ft. Depth of completed well 302 ft. Date drilled 5/19/66  
All measurements made from 0 ft. above ground level.  

From (ft.)	To (ft.)	Description and color of formation material
0	56	Surface & Hard Red Clay
56	64	Fine Broken Red Sand
64	96	Red Clay, Light Sand Breaks
96	120	Yellow Clay
120	154	Yellow Clay, Sand Streaks
154	192	Sand, Top Loose
192	216	Sand & Gravel
216	260	Red Shale

From (ft.)	To (ft.)	Description and color of formation material
260	262	Sand - Shale
262	265	Soft Sandy Shale
265	272	Sand
272	277	Shale, Sandy
277	303	Sand, Good

(Use reverse side if necessary)

7) COMPLETION (Check):  
Straight wall ☒ Gravel packed ☐ Other ☐  
Under reamed ☐ Open hole ☐  
8) WATER LEVEL:  
Static level 145 ft. below land surface Date 5/19/66  
Artesian pressure lbs. per square inch Date

9) CASING:  
Type: old ☐ New ☒ Steel ☒ Plastic ☐ Other ☐  
Cemented from 0 ft. to 279 ft.  

Diameter (inches)	Setting		Gage
	From (ft.)	To (ft.)	
4"	0	277	9 1/2 #

10) SCREEN:  
Type Stainless  
Perforated ☒ Slotted ☐  

Diameter (inches)	Setting		Slot size
	From (ft.)	To (ft.)	
2 1/2"	282	302	.011

11) WELL TESTS:  
Was a pump test made? ☐ Yes ☐ No If yes by whom?  
Yes with air  
Yield: gpm with ft. drawdown after hrs  
Bailer test gpm with ft. drawdown after hrs  
Artesian flow gpm Date  
Temperature of water  
Was a chemical analysis made? ☐ Yes ☒ No  
Did any strata contain undesirable water? ☐ Yes ☐ No  
Type of water? depth of strata

12) PUMP DATA:  
Manufacturer's Name McDonald Mfg. Co  
Type Submersible H.P. 2 HP  
Designed pumping rate gpm gph  
Type power unit Electric  
Depth to bowls, cylinder, jet, etc., 210' ft. below land surface.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.  
NAME R. B. Lowry (Type or Print) Water Well Drillers Registration No. 146  
Address 4012 Fulton Street Houston Texas  
(Signed) (Water Well Driller) LOWRY WATER WELLS (Company Name)  
Please attach electric log, chemical analysis, and other pertinent information, if available.

SEP 9 1966

SEP 9 1966

Central Records  
Texas Water Development Board

Send original copy by  
certified mail to the  
Texas Department of Water Resources  
P. O. Box 13087  
Austin, Texas 78711

State of Texas  
WATER WELL REPORT

Texas Water Well Drillers Board  
P. O. Box 13087  
Austin, Texas 78711

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER Michael Augustine Address 4421 Chasmon Hon. 77093 Tx  
(Name) (Street or RFD) (City) (State) (Zip)  
2) LOCATION OF WELL:  
County Harris miles in \_\_\_\_\_ direction from \_\_\_\_\_  
(N.E., S.W., etc.) (Town)

Driller must complete the legal description to the right  
with distance and direction from two intersecting sec-  
tion or survey lines, or he must locate and identify the  
well on an official Quarter- or Half-Scale Texas County  
General Highway Map and attach the map to this form.

☐ Legal description:

Section No. \_\_\_\_\_ Block No. \_\_\_\_\_ Township \_\_\_\_\_

Abstract No. \_\_\_\_\_ Survey Name \_\_\_\_\_

Distance and direction from two intersecting section or survey lines \_\_\_\_\_

☒ See attached map. map on 65-14-40 - no map found -

3) TYPE OF WORK (Check):

☒ New Well ☐ Deepening  
☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):

☒ Domestic ☐ Industrial ☐ Public Supply  
☐ Irrigation ☐ Test Well ☐ Other \_\_\_\_\_

5) DRILLING METHOD (Check):

☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored  
☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other \_\_\_\_\_

6) WELL LOG:

DIAMETER OF HOLE

Dia. (in.) From (ft.) To (ft.)

Surface

Date drilled 6-5-85 4 1/2 0 51

7) BOREHOLE COMPLETION:

☐ Open Hole ☒ Straight Wall ☐ Underreamed  
☐ Gravel Packed ☐ Other \_\_\_\_\_

If Gravel Packed give interval . . . from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

From To Description and color of formation  
(ft.) (ft.) material

6 - 46 TS clay  
46 - 61 sand

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
			From	To	
<u>2 1/2 N</u>		<u>PVC. Wellies -</u>	<u>0</u>	<u>1 51</u>	
<u>2 1/2 N</u>		<u>" Screen</u>	<u>51</u>	<u>- 61</u>	

CEMENTING DATA

Cemented from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

Method used \_\_\_\_\_

Cemented by \_\_\_\_\_  
(Company or Individual)

9) WATER LEVEL:

Static level 30 ft. below land surface Date 6-5-85

Artesian flow \_\_\_\_\_ gpm. Date \_\_\_\_\_

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AUG 20 1985

DEPT. OF  
WATER RESOURCES

(Use reverse side if necessary)

13) WATER QUALITY:

Did you knowingly penetrate any strata which contained undesirable  
water? ☐ Yes ☒ No

If yes, submit "REPORT OF UNDESIRABLE WATER"

Type of water? \_\_\_\_\_ Depth of strata \_\_\_\_\_

Was a chemical analysis made? ☐ Yes ☒ No

10) PACKERS:

Type Depth

Rubber 51 - 40 - 20

11) TYPE PUMP:

☐ Turbine ☒ Jet ☐ Submersible ☐ Cylinder  
☐ Other \_\_\_\_\_

Depth to pump bowls, cylinder, jet, etc., \_\_\_\_\_ ft.

12) WELL TESTS:

☐ Type Test: ☐ Pump ☒ Baker ☐ Jetted ☐ Estimated

Yield: \_\_\_\_\_ gpm with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that  
each and all of the statements herein are true to the best of my knowledge and belief.

COMPANY NAME ALL WEATHER W.W. Dr. Water Well Driller's License No. 1929  
(Type or Print)

ADDRESS 25330 Richard Rd Spring Tx 77386  
(Street or RFD) (City) (State) (Zip)

(Signed) R. Billings (Signed) Quip  
(Licensed Water Well Driller) (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only  
Well No. 65-14-7M  
Located on map YES C.F.S.

**IMPORTANT NOTICE FOR PERSONS  
HAVING WELLS DRILLED CONCERNING  
PRIVILEGE OF CONFIDENTIALITY**

The Water Well Drillers Board and the Department of Water Resources are concerned that some persons having water wells drilled may not be aware of the confidentiality privilege provision of Section 5 of the Water Well Drillers Act. Section 5, the Reporting of Well Logs, reads as follows:

"Every registered water well driller drilling, deepening, or otherwise altering a water well within this State shall make and keep, or cause to be made and kept, a legible and accurate well log, and within sixty (60) days from the completion or cessation of drilling, deepening or otherwise altering such a water well, shall deliver or transmit by certified mail a copy of such well log to the Commission, and the owner thereof or the person having had such well drilled. The well log required herein shall at the request in writing to the Commission, by certified mail, by the owner or the person having such well drilled be held as confidential matter and not made of public record."

The last sentence specifies the means whereby you can, if you wish, assure that logs of your wells will be kept confidential. Please note that the term "Commission" in the above-quoted section and elsewhere in the Water Well Drillers Act now properly means the Texas Department of Water Resources (P. O. Box 13087; Austin, Texas 78711).

65-14-7L

Send original copy  
certified mail to the  
Texas Department of Water Resources  
P. O. Box 13087  
Austin, Texas 78711

State of Texas  
WATER WELL REPORT

Texas Water Well Drillers Board  
P. O. Box 13087  
Austin, Texas 78711

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER Calco of Houston Inc Address 2400 Wallis Houston Tex 77003  
(Name) (Street or RFD) (City) (State) (Zip)  
2) LOCATION OF WELL:  
County Harris miles in \_\_\_\_\_ direction from \_\_\_\_\_  
(N.E., S.W., etc.) (Town)

☐ Legal description:

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

Section No. \_\_\_\_\_ Block No. \_\_\_\_\_ Township \_\_\_\_\_

Abstract No. \_\_\_\_\_ Survey Name \_\_\_\_\_

Distance and direction from two intersecting section or survey lines \_\_\_\_\_

☒ See attached map.

3) TYPE OF WORK (Check):

☒ New Well ☐ Deepening  
☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):

☒ Domestic ☐ Industrial ☐ Public Supply  
☐ Irrigation ☐ Test Well ☐ Other \_\_\_\_\_

5) DRILLING METHOD (Check):

☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored  
☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other \_\_\_\_\_

6) WELL LOG:

DIAMETER OF HOLE

Dia. (in.) From (ft.) To (ft.)

Date drilled 1-24-83 8 0 350

From (ft.) To (ft.) Description and color of formation material

0 - 18 T-Sand & clay  
18 - 24 Sand  
24 - 30 Clay  
30 - 53 Sand  
53 - 134 Clay  
134 - 152 Sand  
152 - 187 Clay  
187 - 206 Sand  
206 - 215 Clay  
215 - 263 Sand  
263 - 286 Clay  
286 - 297 Sand  
297 - 320 Clay  
320 - 350 Sand

7) BOREHOLE COMPLETION:

☐ Open Hole ☐ Straight Wall ☐ Underreamed  
☐ Gravel Packed ☐ Other 2 string  
If Gravel Packed give interval ... from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
			From	To	
<u>5</u>	<u>N</u>	<u>PVC Casing</u>	<u>0</u>	<u>230</u>	
<u>2 1/2</u>	<u>N</u>	<u>Plastic Screen</u>	<u>330</u>	<u>350</u>	<u>8</u>

CEMENTING DATA

Cemented from 0 ft. to 330 ft.  
Method used Pressure  
Cemented by O.K. Billings  
(Company or Individual)

9) WATER LEVEL:

Static level 180 ft. below land surface Date 1-26-83  
Artesian flow \_\_\_\_\_ gpm. Date \_\_\_\_\_

10) PACKERS: Type Depth

5X3 K Pack 328

11) TYPE PUMP:

☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder  
☐ Other \_\_\_\_\_  
Depth to pump bowls, cylinder, jet, etc., 273 ft.

12) WELL TESTS:

☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated  
Yield: \_\_\_\_\_ gpm with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

COMPANY NAME ALLWEATHER W.W. Inc Water Well Driller's License No. 1929  
(Type or Print)  
ADDRESS 25330 Richard Rd Spring Tex 77373  
(Street or RFD) (City) (State) (Zip)  
(Signed) O.K. Billings (Signed) \_\_\_\_\_  
(Licensed Water Well Driller) (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only  
Well No. 65-14-7L  
Located on map YES C.F.S.

**IMPORTANT NOTICE FOR PERSONS  
HAVING WELLS DRILLED CONCERNING  
PRIVILEGE OF CONFIDENTIALITY**

The Water Well Drillers Board and the Department of Water Resources are concerned that some persons having water wells drilled may not be aware of the confidentiality privilege provision of Section 5 of the Water Well Drillers Act. Section 5, the Reporting of Well Logs, reads as follows:

"Every registered water well driller drilling, deepening, or otherwise altering a water well within this State shall make and keep, or cause to be made and kept, a legible and accurate well log, and within sixty (60) days from the completion or cessation of drilling, deepening or otherwise altering such a water well, shall deliver or transmit by certified mail a copy of such well log to the Commission, and the owner thereof or the person having had such well drilled. The well log required herein shall at the request in writing to the Commission, by certified mail, by the owner or the person having such well drilled be held as confidential matter and not made of public record."

The last sentence specifies the means whereby you can, if you wish, assure that logs of your wells will be kept confidential. Please note that the term "Commission" in the above-quoted section and elsewhere in the Water Well Drillers Act now properly means the Texas Department of Water Resources (P. O. Box 13087; Austin, Texas 78711).



File original copy with  
Texas Water Commission  
P. O. Box 2311, Capitol Station  
Austin 11, Texas

State of Texas

DRILLERS LOG AND WELL DATA REPORT

For use by TWC only  
Well No. 65-14-76  
Located on map 422  
By JB Date 6-3  
Map no. 102. (2)

1) Well Owner: J. D. Westcott Augusta Drive, Houston, Texas  
2) Land Owner: \_\_\_\_\_  
3) Intended use: Industrial ☐ ; Municipal ☐ ; Irrigation ☐ ; Other \_\_\_\_\_  
4) Location of well: County Harris Labor \_\_\_\_\_ League \_\_\_\_\_ Abstract No. \_\_\_\_\_  
NW <sup>1</sup>/<sub>4</sub> NE <sup>1</sup>/<sub>4</sub> SW <sup>1</sup>/<sub>4</sub> SE <sup>1</sup>/<sub>4</sub> of Section \_\_\_\_\_ Block No. \_\_\_\_\_ Survey \_\_\_\_\_  
(Circle as many as are known)

\_\_\_\_\_ miles in \_\_\_\_\_ direction  
from \_\_\_\_\_ Town \_\_\_\_\_  
1515 Bering Drive, Houston 27, Texas

Sketch map of well location with distances from two section  
or survey lines, and to landmarks, roads, and creeks.

DRILLERS LOG OF WELL

Method of drilling: Rotary Diameter of hole 4 in. Date drilled 1-31-62  
All measurements made from \_\_\_\_\_ ft. above ground level.  

From (ft)	To (ft)	Description and color of formation material	From (ft)	To (ft)	Description and color of formation material
0	38	Top Soil & White Clay			
38	61	Red Sand & Shale			
61	98	Hard Blue Shale			
98	132	Fine Sand			
132	176	Hard Red Clay			
176	189	Good Sand			

(Use continuation sheets if necessary)

COMPLETION DATA

COMPLETION		CASING		SCREEN		
Straight wall <input checked="" type="checkbox"/> 4 x 2 1/2		Type: Old <input type="checkbox"/> New <input checked="" type="checkbox"/>		Type <u>Stainless Steel W.O.P.</u>		
Under reamed <input type="checkbox"/>		Cemented from <u>Surface</u> ft.		Perforated <input type="checkbox"/> Slotted <input type="checkbox"/>		
Gravel packed <input type="checkbox"/>		to <u>176</u> ft.				
Open hole <input type="checkbox"/>		Diameter (inches)		Diameter (inches)		
Other _____		Setting from (ft) to (ft)		Setting from (ft) to (ft)		
				2 1/2 179 189		

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

A. Chrysty Kuhlmann A. Chrysty Kuhlmann Reg. No. 106  
Signature Company Name

Please attach electric log, chemical analysis, and other pertinent information if available.

If well was tested by your company or if you installed the permanent pump please complete the following:

WATER LEVEL AND PUMP DATA

Static water level			Pump type	
118'			Submersible	
ft. below _____			Designed pumping rate <u>15</u> gpm <input checked="" type="checkbox"/> gph <input type="checkbox"/>	
Pumping level			Type power unit <u>Electric</u>	
feet	hours	gpm	Horsepower <u>1 1/2</u>	
			Depth to bowls, cylinder, jet, etc., _____ ft. below pump base.	

Name of contractor testing well or installing permanent pump if other than your company: \_\_\_\_\_

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AUG - 6 1962

TEXAS WATER COMMISSION  
AUSTIN, TEXAS

Send original copy by  
certified mail to the  
Texas Department of Water Resources  
P. O. Box 13087  
Austin, Texas 78711

State of Texas  
WATER WELL REPORT

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

For TDWR use only  
Well No. 65-14-7F  
Located on map X-21  
Received: \_\_\_\_\_

1) OWNER Builders Supply Address 610 McKee St. Houston, Texas  
(Name) (Street or RFD) (City) (State) (Zip)  
2) LOCATION OF WELL: Harris miles in \_\_\_\_\_ direction from \_\_\_\_\_  
County (N.E., S.W., etc.) (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:  
Section No. \_\_\_\_\_ Block No. \_\_\_\_\_ Township \_\_\_\_\_  
Abstract No. \_\_\_\_\_ Survey Name \_\_\_\_\_  
Distance and direction from two intersecting section or survey lines \_\_\_\_\_

☐ See attached map. MAP ON # 65-05-6T

3) TYPE OF WORK (Check):  
☒ New Well ☐ Deepening  
☐ Reconditioning ☐ Plugging  
4) PROPOSED USE (Check):  
☐ Domestic ☒ Industrial ☐ Public Supply  
☐ Irrigation ☐ Test Well ☐ Other \_\_\_\_\_  
5) DRILLING METHOD (Check):  
☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored  
☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other \_\_\_\_\_

6) WELL LOG:  
Date drilled 2-20-81  
DIAMETER OF HOLE  
Dia. (in.) From (ft.) To (ft.)  
5 3/4 Surface 520'  
9 3/4 " 455'

7) BOREHOLE COMPLETION:  
☐ Open Hole ☐ Straight Wall ☐ Underreamed  
☐ Gravel Packed ☐ Other Two-String  
If Gravel Packed give interval ... from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

From (ft.)	To (ft.)	Description and color of formation material	Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	To	Gage Casing Screen
0	10	Fill Dirt						
10	15	Red Gray						
15	20	Sand	6"	N	Steel Casing	+18"	455'	
20	45	Red Gray	4"	N	Steel Blank Liner	520	510	
45	52	Sand	4"	N	Howard Smith Stainless			
52	100	Red Gray			Rod Base Screen	510	482	12ga.
100	160	Red Gray	4"	N	Steel Blank Liner	482	480	
160	170	Sand 10 Ft.	4"	N	Howard Smith Rod Base			
170	180	Red Gray			Screen	480	460	8 ga.
180	230	Sand 50 ft.	4"	N	Steel Blank Liner	460	439	
230	260	Red Gray						
260	280	Sand 20 Ft.						
280	288	Red Gray						
288	317	Sand 16 ga. 29ft.						
317	321	Red Gray						
321	340	Sand 19'						
340	380	Red Gray						
380	420	Red Gray						
420	440	Red Gray						
440	446	Sand 6 ft.						
446	455	Red Gray						
455	476	Sand 20 ft.						
476	478	Clay						
478	506	Sand 28 ft.						
506	510	Rock Sand						
510	520	Clay						

CEMENTING DATA  
Cemented from 455' ft. to Surface ft.  
Method used Pressure Cemented  
Cemented by Raymond Water Wells  
(Company or Individual)

9) WATER LEVEL:  
Static level 260 ft. below land surface Date 2-20-81  
Artesian flow \_\_\_\_\_ gpm. Date \_\_\_\_\_

10) PACKERS: Type Depth  
"Lead Seal" 439

11) TYPE PUMP:  
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder  
☐ Other \_\_\_\_\_  
Depth to pump bowls, cylinder, jet, etc., 378' ft.

13) WATER QUALITY:  
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No  
If yes, submit "REPORT OF UNDESIRABLE WATER"  
Type of water? \_\_\_\_\_ Depth of strata \_\_\_\_\_  
Was a chemical analysis made? ☐ Yes ☒ No

12) WELL TESTS:  
☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☒ Estimated  
Yield: 200 gpm with 40 ft. drawdown after 24 hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.  
NAME C.A. Raymond, Jr. Water Well Drillers Registration No. 774  
(Type or Print)  
ADDRESS 10011 Airline Drive Houston, Texas 77037  
(Street or RFD) (City) (State) (Zip)  
(Signed) C.A. Raymond Jr. Raymond Water Wells  
(Water Well Driller) (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

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**RECEIVED**  
JUN 26 1981  
DEPT. OF  
WATER RESOURCES

28 December 1965

SO 2094-65

To: Layne Texas Company  
Houston, Texas

Sample marked: Well No. 1, Baroid Div. Nat'l Lead, Channelview, Harris Cty, Texas.  
Taken: 12-21-65 after 12 hrs. pumping at 351 gpm with Layne Pump.  
Static Head: 222.20'. Pumping Level: 276.45'. Screened: 580-735'.  
Water Temp. 78°F. G. E. Ferguson

Received: 12-23-65.

**WATER ANALYSIS**  
results in parts per million (mg/l) except as noted

Dissolved Residue at 105°C		308	Conductance, micromhos/cm, 25°C	515
Total Dissolved Solids, actual†		437	Color, units	0
Total Dissolved Solids, calc.		428	Turbidity, units	1
Silica	SiO <sub>2</sub>	15	As Calcium Carbonate, CaCO <sub>3</sub> :	
Iron and Aluminum Oxides	R <sub>2</sub> O <sub>3</sub>	2	Phenolphthalein Alkalinity	0
Calcium	Ca	12	Total Alkalinity	208
Magnesium	Mg	3	Total Hardness	43
Sodium (diff.) Na + K as	Na	101	Free Carbon Dioxide CO <sub>2</sub>	4
Carbonate	CO <sub>3</sub>	0	pH . . . 7.98	
Bicarbonate	HCO <sub>3</sub>	254	<b>HYPOTHETICAL COMBINATIONS</b>	
Sulfate	SO <sub>4</sub>	10	Calcium Bicarbonate	49
Chloride	Cl	31	Magnesium Bicarbonate	19
Total Iron	Fe	0.65	Sodium Bicarbonate	277
			Sodium Sulfate	10
			Sodium Chloride	11
			SiO <sub>2</sub> + R <sub>2</sub> O <sub>3</sub>	17
			Total Dissolved Solids, calc.	428

†Total Dissolved Solids, actual = Dissolved Residue + 50.8% of bicarbonate (HCO<sub>3</sub>) ion

Microbiology Service Laboratories

By: Edna Wood

5635

RECEIVED  
TEXAS WATER DEVELOPMENT BOARD  
ENGINEERING RECORDS

# WAYNE TEXAS COMPANY HOUSTON      DALLAS

## MATERIAL SETTING

REPORT NO. 7238  
S. O. 2094-64  
PAGE 1 OF 1  
FILE NO. 3066  
DATE 12-29-65

CUSTOMER LOCATION		WELL DATA	
FOR	Baroid Division	NAME WELL	WELL NO. 1
LOCATION WELL	National Lead Company Houston	ELEVATION	DATUM
SURVEY	FIELD	TYPE WELL	Gravel Wall
COUNTY	Harris STATE Texas	SURFACE CASING CEMENTED	Yes NO. SACKS 166 8% Gel
OTHER LAND MARKS	Swamp S.E. Corner of Plant	SIZE HOLE UNDERREAMED	24" DEPTH 750'
		GRAVEL TYPE	112-113-165 NO. CU. YDS 54
		TYPE SCREEN	S.S.W.W. Barlug GAGE .045
		DRILLER	B. Patton RIG NO. 10
		OTHER	G.E. Ferguson

DEPTH	LENGTH	SIZE, KIND, WEIGHT MATERIAL	SKETCH
1.5'		10 3/4" O.D. T.O.E. 31.20#	
0		surface casing, 1.5' above ground	
470		Top of 6 5/8" O.D. Liner	
570	571.5	10 3/4" O.D. TOE 31.20# Surface casing	
580	110	6 5/8" O.D. T.O.E. 18.97# blank liner	
610	30	6 5/8" O.D. S.S.W.W. Barlug screen, .045" GA	
625	15	6 5/8" O.D. T.O.E. 18.97# blank liner	
645	20	6 5/8" O.D. S.S.W.W. Barlug screen, .045" GA	
695	50	6 5/8" O.D. T.O.E. 18.97# blank liner	
735	40	6 5/8" O.D. S.S.W.W. Barlug screen .045" GA	
748	13	6 5/8" O.D. T.O.E. 18.97# blank liner	
750	2	6 5/8" O.D. Pin Point Set Nipple & B.P. Valve	
TOTAL DEPTH:		750'	

3 pages  
1409  
attach:  
12-29-65

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TEXAS WATER DEVELOPMENT BOARD  
ENGINEERING RECORDS



# WAYNE TEXAS COMPANY

HOUSTON      DALLAS

## WELL LOG

65-14-7E  
 REPORT NO 7237  
 S. O. 2084-65  
 PAGE 1 of 1  
 FILE NO 3066  
 DATE 12-29-65

CUSTOMER LOCATION		WELL DATA	
FOR	Baroid Division	NAME WELL	WELL NO. 1
LOCATION WELL	National Lead Company	ELEVATION	DATUM
	Houston	RT C GR	
SURVEY	FIELD	TEST HOLE SIZE	6 5/8 TO 880
		DATE STARTED DRILLING	12-7-65
		DATE FINISHED DRILLING	12-9-65
COUNTY	STATE	DRILLER	B. Patton
Harris	Texas	TYPE MUD	Gel
OTHER LAND MARKS		ELECTRIC LOG	Yes
Wallisville Rd. (Swamp) 1417		SURVEY	Eastman
SE CORNER OF PLAT 1417		OTHER	B.J. Glidewell, G. Ferguson
	HARDY		

DEPTH -STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES		
			DEPTH	TYPE	NUMBER
0		Surface			
251	251	Clay & Sandy Clay			
279	28	Clay & Streaks Sand			
297	18	Sand ( Broken)			
317	20	Sandy Clay & Streaks of Sand			
327	10	Sand			
343	16	Sandy Clay			
393	50	Sand			
524	131	Clay & Sandy Clay with Streaks of Sand			
549	25	Sand & Clay Streaks			
571	22	Shale			
595	24	Sand & Clay Streaks			
596	1	Clay			
611	15	Sand & Clay Breaks			
676	65	Sandy Clay			
685	9	Clay			
738	53	Fine Sand			
740	2	Clay			
830	90	Sand & Clay Breaks			
832	2	Clay			
855	23	Fine Sand			
857	2	Clay			
866	9	Sand			
880	14	Sandy Clay			
TOTAL DEPTH: 880'					

RECEIVED  
TEXAS WATER DEVELOPMENT BOARD  
ENGINEERING RECORDS

REPORT NO. 7239  
S. O. 2094-65  
PAGE 1 of 1  
FILE NO. 3066  
DATE 12-29-65

### OBSERVERS

**FOR OWNER**

G. E. Ferguson  
FOR LAYNE TEXAS CO.

Q-1532

TEXAS WATER POLLUTION CONTROL BOARD  
RECEIVED  
ENGINEERING RECORDS



## STATE OF TEXAS WATER WELL REPORT

1) Owner: TLI, INC. (GUY KELLOGG) Address: 13760 NOEL RD. City: DALLAS State: TX ZIP: 75240  
2) LOCATION OF WELL:  
County: HARRIS 0 miles in SE direction from HOUSTON

## LEGAL DESCRIPTION:

Section No.: H231 Block No.: SE Township: HOUSTON  
Abstract No.: DELAND Survey Name: GRAYHOUND LINES  
Distance and direction from two intersecting section or survey lines: LEELAND & DELAND

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: TEST WELL 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: DIAMETER OF HOLE FROM TO  
DIAMETER 6.5 0 20  
7) BOREHOLE METHOD: STRAIGHT WALL  
IF GRAVEL... FROM FT TO FT

Date Drilled: 06/02/88

## GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	TOP SOIL
3	14	CLAY
14	20	SAND

## 8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
4	N	PVC CASING	0	10	40
4	N	EVERFLO SCREEN	10	20	20

## 9) CEMENTING DATA:

Cemented from 10 FT. TO 0 FT.  
FT. TO FT.

Method used: POURED  
Cemented by: ODCI

10) SURFACE COMPLETION:  
OTHER

## 11) WATER LEVEL:

STATIC LEVEL : FT. DATE / /  
ARTESIAN FLOW: GPM. DATE / /

## 12) PACKERS: TYPE DEPTH

13) TYPE PUMP:  
OTHER  
DEPTH TO PUMP:

14) WELL TEST:  
JETTED  
YIELD: 1 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:  
TYPE OF WATER: GOOD WATER DEPTH OF STRATA: 6  
NO STRATA OF UNDESIRABLE WATER PENETRATED

NO CHEMICAL ANALYSIS MADE

COMPANY NAME: O'DAY DRILLING CO., INC. WATER WELL DRILLER'S LICENSE NO.: 1877  
ADDRESS: P. O. BOX 162 CITY: PEARLAND STATE: TX ZIP CODE: 77588

(signed) Michael O'Day (signed)

RECEIVED  
SEP 15 1988

TEXAS WATER COMMISSION

65-14-7

STATE OF TEXAS WATER WELL REPORT

1) Owner: TLT, INC. (GUY KELLOGG) Address: 13760 NOEL RD. City: DALLAS State: TX ZIP: 75240  
 2) LOCATION OF WELL:  
 County: HARRIS 0 miles in SE direction from HOUSTON

LEGAL DESCRIPTION:  
 Section No.: H231 Block No.: SE Township: HOUSTON  
 Abstract No.: DELAND Survey Name: GREYHOUND LINES  
 Distance and direction from two intersecting section or survey lines: LEELAND & DELAND

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: TEST WELL 5) DRILLING METHOD: MUD ROTARY

0165-30-1

6) WELL LOG: DIAMETER OF HOLE FROM TO 7) BOREHOLE METHOD:  
 DIAMETER 0 20 STRAIGHT WALL  
 6.5 IF GRAVEL... FROM FT TO FT

Date Drilled: 06/02/88

GEOLOGICAL DESCRIPTION: 8) CASING, BLANK PIPE, AND WELL SCREEN DATA:  
 FROM TO DESCRIPTION DIA NEW/USED DESCRIPTION FROM TO GAGE CASING SCREEN  
 0 3 TOP SOIL 4 N PVC CASING 0 10 40  
 3 14 CLAY 4 N EVERFLO SCREEN 10 20 20  
 14 18 SAND  
 18 20 CLAY

9) CEMENTING DATA:  
 Cemented from 10 FT. TO 0 FT.  
 FT. TO FT.  
 Method used: POURED  
 Cemented by: ODCI

10) SURFACE COMPLETION:  
 OTHER

11) WATER LEVEL:  
 STATIC LEVEL : FT. DATE / /  
 ARTESIAN FLOW: GPM. DATE / /

12) PACKERS: TYPE DEPTH

13) TYPE PUMP: OTHER 14) WELL TEST:  
 DEPTH TO PUMP: JETTED  
 YIELD: 2 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:  
 TYPE OF WATER: GOOD WATER DEPTH OF STRATA: 4  
 NO STRATA OF UNDESIRABLE WATER PENETRATED  
 NO CHEMICAL ANALYSIS MADE

COMPANY NAME: O'DAY DRILLING CO., INC. WATER WELL DRILLER'S LICENSE NO.: 1877  
 ADDRESS: P. O. BOX 162 CITY: PEARLAND STATE: TX ZIP CODE: 77588

(signed) Michael O'Day (signed)

RECEIVED  
 SEP 15 1988

TEXAS WATER COMMISSION

65-14-7

91

Original copy by  
mailed mail to the  
Texas Department of Water Resources  
P.O. Box 13087  
Austin, Texas 78711

State of Texas  
WATER WELL REPORT  
ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

For TDWR use only  
Well No. 65-14-7K  
Located on map YES  
Received: RWB

Four D Construction - Contractor

1) OWNER Lynn DeGeorge Address 4659 Merwin Houston, Tx.  
(Name) (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL:  
County Harris 10 miles in SW direction from Houston  
(N.E., S.W., etc.) (Town)

☐ Legal description:  
Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.  
Section No. \_\_\_\_\_ Block No. \_\_\_\_\_ Township \_\_\_\_\_  
Abstract No. \_\_\_\_\_ Survey Name \_\_\_\_\_  
Distance and direction from two intersecting section or survey lines \_\_\_\_\_

☒ See attached map.

3) TYPE OF WORK (Check):  
☐ New Well ☐ Deepening  
☒ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):  
☒ Domestic ☐ Industrial ☐ Public Supply  
☐ Irrigation ☐ Test Well ☐ Other \_\_\_\_\_

5) DRILLING METHOD (Check):  
☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored  
☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other \_\_\_\_\_

6) WELL LOG:  
Date drilled 5/8/81

DIAMETER OF HOLE  
Dia. (in.) From (ft.) To (ft.)  
Surface  
6-3/4 377

7) BOREHOLE COMPLETION:  
☐ Open Hole ☐ Straight Wall ☐ Underreamed  
☐ Gravel Packed ☒ Other 2 string cemented  
If Gravel Packed give interval . . . from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

From (ft.) To (ft.) Description and color of formation material

0	40	Clay
40	63	Sand
63	111	Clay
111	206	Sand
206	243	Clay
243	276	Sand
276	320	Clay
320	377	Sand

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.)		Gage Casing Screen
			From	To	
4"	N	PVC Casing	0	345	Sch.
2 1/2"	N	Blank Pipe	327	347	40
2 1/2"	N	PVC Slotted Screen	347	377	.012

CEMENTING DATA

Cemented from 345 ft. to 145 ft.  
Method used Halliburton  
Cemented by Robinson Water Well  
(Company or Individual)

9) WATER LEVEL:

Static level 200 ft. below land surface Date 5/11/81  
Artesian flow \_\_\_\_\_ gpm. Date \_\_\_\_\_

10) PACKERS:

Type	Depth
<u>K</u>	<u>327</u>

11) TYPE PUMP:

☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder  
☐ Other \_\_\_\_\_  
Depth to pump bowls, cylinder, jet, etc., xxx 315 ft.

12) WELL TESTS:

☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated  
Yield: \_\_\_\_\_ gpm with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.

13) WATER QUALITY:

Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No  
If yes, submit "REPORT OF UNDESIRABLE WATER"  
Type of water? potable Depth of strata \_\_\_\_\_  
Was a chemical analysis made? ☐ Yes ☒ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

AUG 24 1982

NAME M. E. Robinson, Jr. Water Well Drillers Registration No. 1464 CR/TDWR  
(Type or Print)

ADDRESS 11607 FM 149 Houston, Tx. 77086  
(Street or RFD) (City) (State) (Zip)

(Signed) M. E. Robinson Robinson Water Well Service, Inc.  
(Water Well Driller) (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY



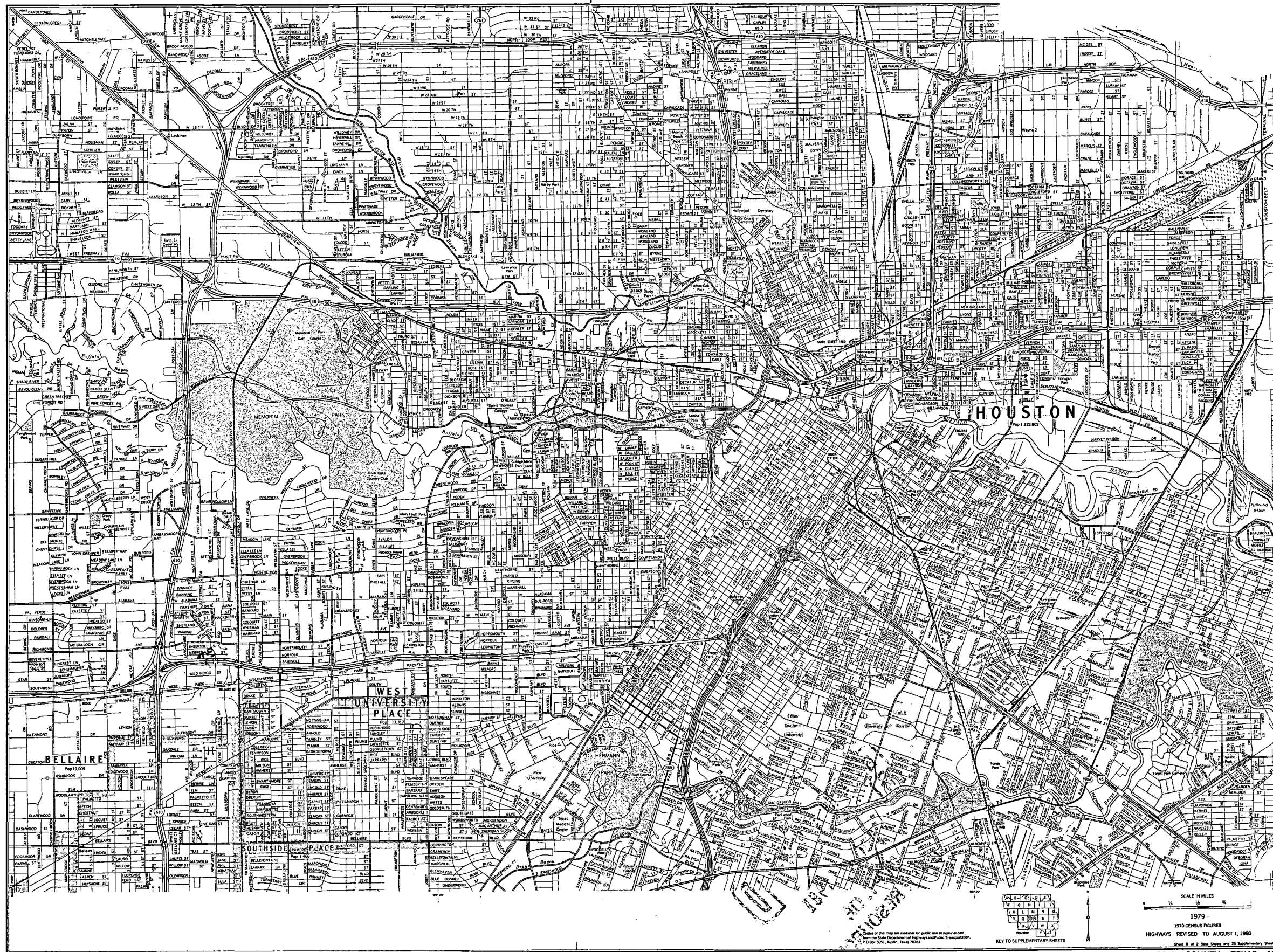
**IMPORTANT NOTICE FOR PERSONS  
HAVING WELLS DRILLED CONCERNING  
PRIVILEGE OF CONFIDENTIALITY**

The Water Well Drillers Board and the Department of Water Resources are concerned that some persons having water wells drilled may not be aware of the confidentiality privilege provision of Section 5 of the Water Well Drillers Act. Section 5, the Reporting of Well Logs, reads as follows:

"Every registered water well driller drilling, deepening, or otherwise altering a water well within this State shall make and keep, or cause to be made and kept, a legible and accurate well log, and within sixty (60) days from the completion or cessation of drilling, deepening or otherwise altering such a water well, shall deliver or transmit by certified mail a copy of such well log to the Commission, and the owner thereof or the person having had such well drilled. The well log required herein shall at the request in writing to the Commission, by certified mail, by the owner or the person having such well drilled be held as confidential matter and not made of public record."

The last sentence specifies the means whereby you can, if you wish, assure that logs of your wells will be kept confidential. Please note that the term "Commission" in the above-quoted section and elsewhere in the Water Well Drillers Act now properly means the Texas Department of Water Resources (P. O. Box 13087; Austin, Texas 78711).

**RECEIVED**  
**AUG 11 1981**  
**DEPT. OF**  
**WATER RESOURCES**

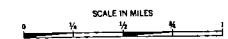
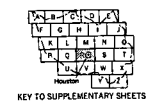


HOUSTON  
Pop 1,232,802

WEST  
UNIVERSITY  
PLACE

BELLAIRE  
Pop 19,000

SOUTHSIDE  
PLACE  
Pop 1,488



1979 -  
1970 CENSUS FIGURES  
HIGHWAYS REVISED TO AUGUST 1, 1980

**RECEIVED**  
AUG 11 1981  
DEPT. OF  
WATER RESOURCES

Send original copy by  
certified mail to the  
Texas Department of Water Resources  
P. O. Box 13087  
Austin, Texas 78711

State of Texas  
WATER WELL REPORT

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

For TDWR use only  
Well No. 65-14-7P  
Located on map Yes DLF  
Received: \_\_\_\_\_

1) OWNER Herman B. Taylor Address 5505 GASTON HOUSTON TEX.  
(Name) (Street or RFD) (City) (State) (Zip)  
2) LOCATION OF WELL:  
County Harris 12 miles in NE direction from HOUSTON, TEX  
(Town)

Driller must complete the legal description to the right  
with distance and direction from two intersecting sec-  
tion or survey lines, or he must locate and identify the  
well on an official Quarter- or Half-Scale Texas County  
General Highway Map and attach the map to this form.

☐ Legal description:

Section No. \_\_\_\_\_ Block No. \_\_\_\_\_ Township \_\_\_\_\_

Abstract No. \_\_\_\_\_ Survey Name \_\_\_\_\_

Distance and direction from two intersecting section or survey lines \_\_\_\_\_

☒ See attached map.

3) TYPE OF WORK (Check):

☒ New Well ☐ Deepening  
☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):

☒ Domestic ☐ Industrial ☐ Public Supply  
☐ Irrigation ☐ Test Well ☐ Other \_\_\_\_\_

5) DRILLING METHOD (Check):

☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored  
☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other \_\_\_\_\_

6) WELL LOG:

DIAMETER OF HOLE

Dia. (in.) From (ft.) To (ft.)

Surface

Date drilled 1-25-85

8 1/4 Surface 340

5 1/4 340 372

7) BOREHOLE COMPLETION:

☐ Open Hole ☐ Straight Wall ☐ Underreamed  
☐ Gravel Packed ☐ Other Pressure Cemented  
If Gravel Packed give interval ... from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

From (ft.) To (ft.) Description and color of formation material

0-50	Red Clay
50-75	Red Sandy Clay
75-90	Red Sand
90-156	Clay
156-170	Sand
170-230	Clay
230-260	Sand
260-278	Clay
278-290	Sand
290-330	Clay
330-352	Sand
352-357	Clay
357-371	Sand
371-372	Clay

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
			From	To	
5"	NEW	SCH. 40 PVC WELL C.	SURFACE	298	
		BLK. STEEL	298	340	
3"	NEW	Stainless S. ROD BASE	342	352	016
3"	NEW	GALV. PIPE	352	360	
3"	NEW	S.S. HWS. ROD BASE	360	370	012
3"	NEW	GALV. PIPE	370	372	
		3X5" LEAD SEAL SET 334 FT.			

CEMENTING DATA

Cemented from SURFACE ft. to 340 ft.  
Method used Pressure Cemented  
Cemented by L.F. Hull  
(Company or Individual)

9) WATER LEVEL:

Static level 2.33 ft. below land surface Date 1-27-85  
Artesian flow \_\_\_\_\_ gpm. Date \_\_\_\_\_

RECEIVED  
MAR 28 1985

DEPT OF  
WATER RESOURCES

(Use reverse side if necessary)

13) WATER QUALITY:

Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No  
If yes, submit "REPORT OF UNDESIRABLE WATER"  
Type of water? \_\_\_\_\_ Depth of strata? \_\_\_\_\_  
Was a chemical analysis made? ☐ Yes ☒ No

10) PACKERS: Type Depth

11) TYPE PUMP:

☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder  
☐ Other \_\_\_\_\_  
Depth to pump bowls, cylinder, jet, etc., 330 ft.

12) WELL TESTS:

☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☒ Estimated  
Yield: 50 GPM gpm with 2.5 ft. drawdown after 8 hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME LEONARD F. HULL Water Well Drillers Registration No. 002044  
(Type or Print)  
ADDRESS 4933 HARTWICK HOUSTON TEXAS 77093  
(Street or RFD) (City) (State) (Zip)  
(Signed) Leonard F. Hull L.F. HULL  
(Water Well Driller) (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

**IMPORTANT NOTICE FOR PERSONS  
HAVING WELLS DRILLED CONCERNING  
PRIVILEGE OF CONFIDENTIALITY**

RECEIVED  
MAR 28 1985  
DEPT. OF  
WATER RESOURCES

The Water Well Drillers Board and the Department of Water Resources are concerned that some persons having water wells drilled may not be aware of the confidentiality privilege provision of Section 5 of the Water Well Drillers Act. Section 5, the Reporting of Well Logs, reads as follows:

"Every registered water well driller drilling, deepening, or otherwise altering a water well within this State shall make and keep, or cause to be made and kept, a legible and accurate well log, and within sixty (60) days from the completion or cessation of drilling, deepening or otherwise altering such a water well, shall deliver or transmit by certified mail a copy of such well log to the Commission, and the owner thereof or the person having had such well drilled. The well log required herein shall at the request in writing to the Commission, by certified mail, by the owner or the person having such well drilled be held as confidential matter and not made of public record."

The last sentence specifies the means whereby you can, if you wish, assure that logs of your wells will be kept confidential. Please note that the term "Commission" in the above-quoted section and elsewhere in the Water Well Drillers Act now properly means the Texas Department of Water Resources (P. O. Box 13087; Austin, Texas 78711).



Herman B. Taylor, Job



HARRIS COUNTY TEXAS 102



1973  
1970 CENSUS FIGURES  
HIGHWAYS REVISED TO JANUARY 1, 1978

Copies of this map are available for public use at nominal cost from the State Department of Highways and Public Transportation, P.O. Box 1001, Austin, Texas 78763.

RECEIVED  
MAR 28 1985  
DEPT. OF  
WATER SOURCES

Please use black ink.  
Send original copy by  
certified mail to the  
Texas Water Commission  
P.O. Box 13087  
Austin, Texas 78711

State of Texas  
WATER WELL REPORT

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

Texas Water Well Drillers Board  
P. O. Box 13087  
Austin, Texas 78711

1) OWNER ETHEL CUTLER Address 15642 MAGEE HOUSTON TX 77032  
(Name) (Street or RFD) (City) (State) (Zip)  
2) LOCATION OF WELL: HARRIS 13 miles in 13 N direction from HOUSTON  
County (N.E., S.W., etc.) (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:

Section No. \_\_\_\_\_ Block No. \_\_\_\_\_ Township \_\_\_\_\_

Abstract No. \_\_\_\_\_ Survey Name \_\_\_\_\_

Distance and direction from two intersecting section or survey lines \_\_\_\_\_

☒ See attached map.

3) TYPE OF WORK (Check):

☒ New Well ☐ Deepening  
☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):

☒ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply  
☐ Irrigation ☐ Test Well ☐ Injection ☐ Other \_\_\_\_\_

5) DRILLING METHOD (Check):

☒ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored  
☐ Air Rotary ☐ Cable Tool ☐ Other \_\_\_\_\_

6) WELL LOG:

Date Drilling: 11/26 19 90  
Started 11/26 19 90  
Completed 11/27 19 90

DIAMETER OF HOLE

Dia. (in.) From (ft.) To (ft.)

Surface

6 1/2 0 270

7) BOREHOLE COMPLETION:

☐ Open Hole ☒ Straight Wall ☐ Underreamed

☐ Gravel Packed ☐ Other \_\_\_\_\_

If Gravel Packed give interval ... from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

From (ft.) To (ft.) Description and color of formation material

0 - 4 TOP SOIL  
4 - 17 WHITE CLAY  
17 - 44 SAND  
44 - 46 ROCK  
46 - 133 CLAY  
133 - 141 SAND  
141 - 208 BRN CLAY  
208 - 270 SAND

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.)		Gage Casing Screen
			From	To	
<u>4</u>	<u>N</u>	<u>PVC</u>	<u>0</u>	<u>250</u>	
<u>4</u>	<u>N</u>	<u>PVC SLOTTED</u>	<u>250</u>	<u>270</u>	<u>12</u>

9) CEMENTING DATA [Rule 319.44(b)]

Cemented from 0 ft. to 120 ft. No. of Sacks Used 14  
\_\_\_\_\_ ft. to \_\_\_\_\_ ft. No. of Sacks Used \_\_\_\_\_

Method used TREMIC PIPE  
Cemented by BWW

10) SURFACE COMPLETION

☐ Specified Surface Slab Installed [Rule 319.44(c)]  
☐ Pitless Adapter Used [Rule 319.44(d)]  
☒ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:

Static level 140 ft. below land surface Date 11/27/90  
Artesian flow \_\_\_\_\_ gpm. Date \_\_\_\_\_

12) PACKERS:

Type	Depth
<u>3 - 4X6 1/2 FORMATION</u>	<u>240</u>
<u>2 - 4X6 1/2 FORMATION</u>	<u>140</u>

13) TYPE PUMP:

☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder  
☐ Other \_\_\_\_\_  
Depth to pump bowls, cylinder, jet, etc., 180 ft.

14) WELL TESTS:

Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☒ Estimated  
Yield: 35 gpm with 25 ft. drawdown after 2 hrs.

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME BALLARDS WATER WELL Water Well Driller's License No. 2384  
(Type or Print)  
ADDRESS P.O. Box 2004 Willis TEXAS 77378  
(Street or RFD) (City) (State) (Zip)  
(Signed) Charles A. Ballard (Signed) \_\_\_\_\_  
(Licensed Water Well Driller) (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only  
Well No. 6514-7  
Located on map \_\_\_\_\_

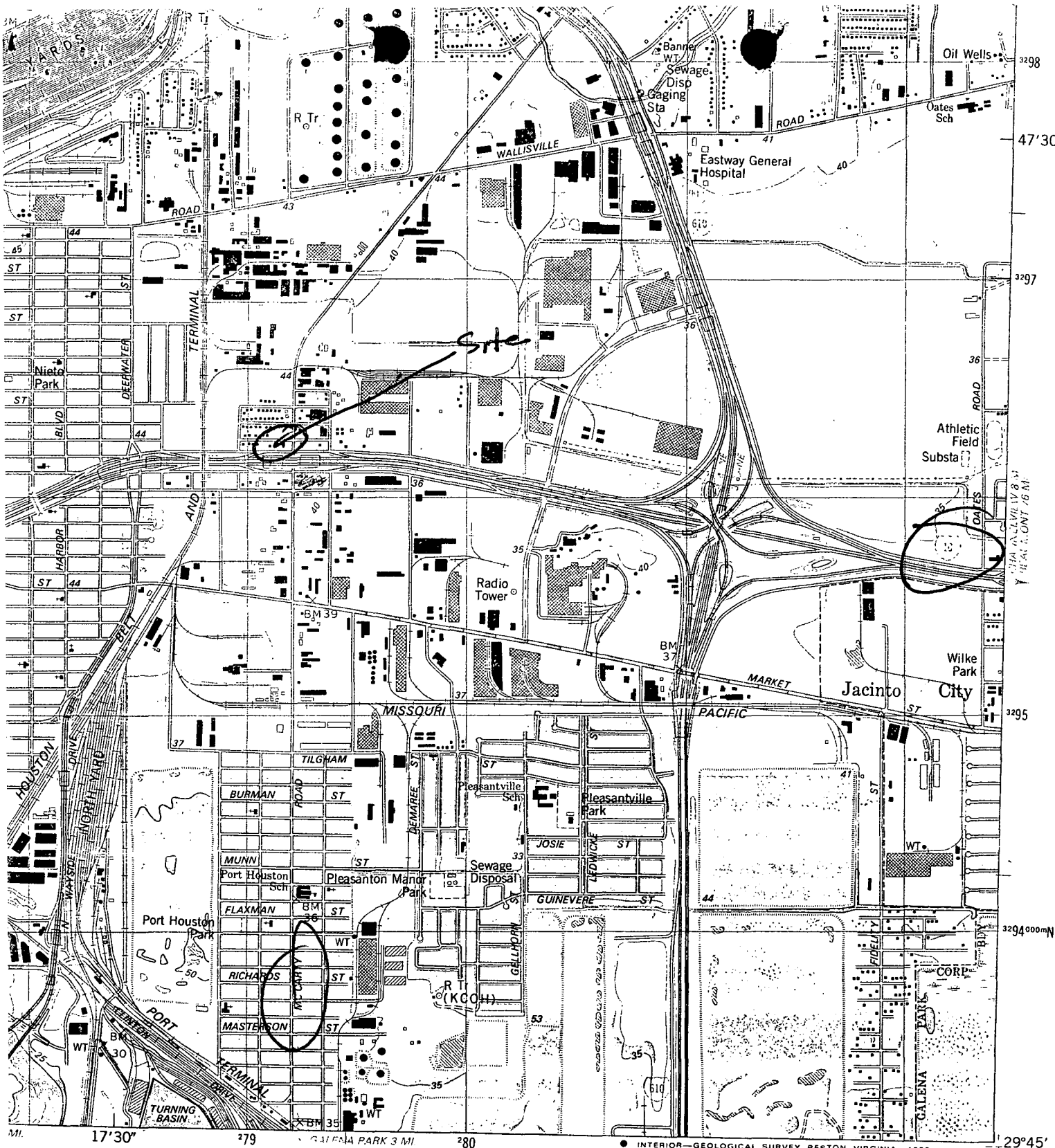


**IMPORTANT NOTICE FOR PERSONS  
HAVING WELLS DRILLED CONCERNING  
PRIVILEGE OF CONFIDENTIALITY**

The Water Well Drillers Board and the Texas Water Commission are concerned that some persons having water wells drilled may not be aware of the confidentiality privilege provision of Section 5 of the Water Well Drillers Act. Section 5, the Reporting of Well Logs, reads as follows:

"Every licensed water well driller drilling, deepening or otherwise altering a water well within this State shall make and keep, or cause to be made and kept, a legible and accurate well log, and within 30 days from the completion or cessation of drilling, deepening or otherwise altering such a water well, shall deliver or transmit by certified mail a copy of such well log to the Commission, and the owner thereof or the person having had such well drilled. Each copy of a well log, other than a Commission copy, shall include the name, mailing address, and telephone number of the Board and the Commission. The well log required herein shall at the request in writing to the Commission, by certified mail, by the owner or the person having such well drilled be held as confidential matter and not made of public record."

The last sentence specifies the means whereby you can, if you wish, assure that logs of your wells will be kept confidential.



? No Well Report with this

**GAYLORD STICK & CO. & ASSOC., INC.**  
 Authorized Agents For U.S. Geological Survey Maps  
 Texas



QUADRANGLE LOCATION

**ROAD CLASSIFICATION**

- |                                    |  |
|------------------------------------|--|
| Primary highway,<br>hard surface   | Light-duty road, hard or<br>improved surface |
| Secondary highway,<br>hard surface | Unimproved road                              |
| Interstate Route                   | U. S. Route                                  |
|                                    | State Route                                  |

**SETTEGAST, TEX.**  
 N2945-W9515/7.5

(PASADENA)  
 1953 II NW



**ATTENTION OWNER:** Confidentiality Privilege Notice on Reverse Side

DWR-0392 (12/29/83)

Please use black ink.

File WHITE COPY with:  
TNRCC  
P.O. Box 13087  
Austin, TX 78711-3087  
512-239-0530

## State of Texas PLUGGING REPORT

(This form must be completed and filed with the TNRCC  
within 30 days following the date the well is plugged as  
required by current statutory law.)

Texas Water Well Drillers Advisory Council  
P.O. Box 13087  
Austin, TX 78711-3087  
512-239-0530

### A. WELL IDENTIFICATION AND LOCATION DATA

- 1) OWNER Williams Brothers Const. ADDRESS P.O. Box 66428 Houston, TX 77266  
(Name) (Street or RFD) (City) (State) (Zip)
- 2) ADDRESS OF WELL:  
County Harris Beltway 8 Hwy 90 Houston, TX GRID # \_\_\_\_\_  
(Street, RFD or other) (City) (State) (Zip)
- 3) OWNER'S WELL NO: N/A 4) WELL TYPE (Check): ☒ Water ☐ Monitor ☐ Injection ☐ De-watering

Driller, Pump Installer, or Landowner performing the plugging operations must locate and identify the location of the well within a specific grid on a full scale-gridded County map available from the TNRCC/Installers Certification Program. The location of the well should be denoted within the grid by placing a corresponding dot in the grid to the right. The legal description section below is optional.

☐ LEGAL DESCRIPTION:

Section No. \_\_\_\_\_ Block No. \_\_\_\_\_ Township \_\_\_\_\_

Abstract No. \_\_\_\_\_ Survey Name \_\_\_\_\_

Distance and direction from two

intersecting section lines or survey lines: \_\_\_\_\_

5)  
65-14-7

### B. HISTORICAL DATA ON WELL TO BE PLUGGED (if available)

- 6) Driller Almeda Water Well License No. 843,2703,2843 City Manvel
- 7) Drilled 6-5 19 92 8) Diameter of hole 5 inches 5 MAY 23 1995 9) Total depth of well 280 feet.

### C. CURRENT PLUGGING DATA

- 10) Date well plugged 12-30, 19 93

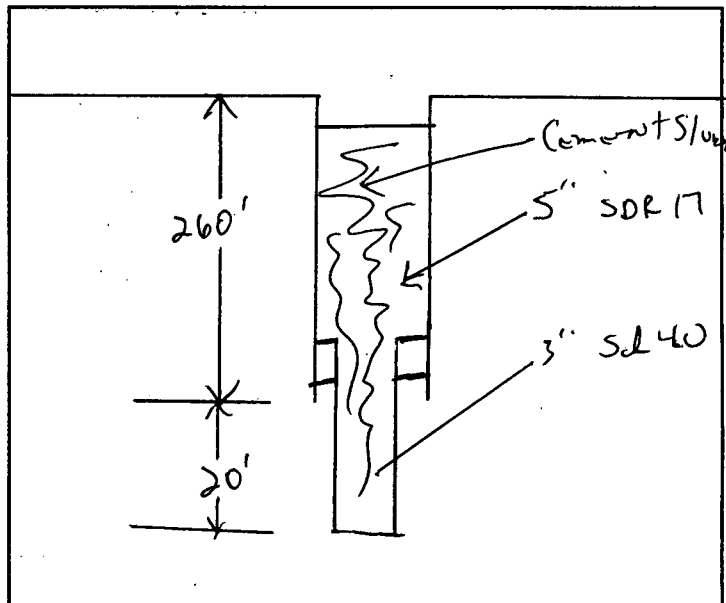
- 11) Sketch of well: Using space at right, show method of plugging the well including all casing and cemented intervals.

- 12) Name of Driller/Pump Installer actually performing the plugging operations  
Dale Felder

License number 2440WI

- 13) Casing and cementing data relative to the plugging operations:

DIAMETER (inches)	CASING LEFT IN WELL	
	FROM (feet)	TO (feet)
5	-1	260
3	260	280
CEMENT PLUG(S) PLACED IN WELL		
	FROM (feet)	TO (feet)
	-1	280
		SACK(S) OF CEMENT USED
		35



### D. VALIDATION OF INFORMATION INCLUDED IN FORM

I hereby certify that this well was plugged by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 13 will result in the report(s) being returned for completion and resubmittal.

Company or Individual's Name (type or print) Dale Felder - Felder Water Well & Pump Service  
200 Henderson Angleton TX 77515  
Address: Street or RFD City State Zip

Signatures: Dale Felder 12-30-93 Williams Brothers Const. 12-30-93  
Licensed Driller/Pump Installer Date Owner of Well Date  
\_\_\_\_\_  
Trainee/Apprentice Date

White - TNRCC

Yellow - Well Owner

Pink - Licensed Well Driller/Pump Installer











Please use black ink.  
Send original copy by  
certified mail to the  
Texas Water Commission  
P.O. Box 13087  
Austin, Texas 78711

State of Texas  
WATER WELL REPORT

Texas Water Well Drillers Board  
P. O. Box 13087  
Austin, Texas 78711

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER SOUTHERN PACIFIC TRANSPORTATION (Name) Address 1 Market Plaza, San Francisco, California 94105 (Street or RFD) (City) (State) (Zip)  
2) LOCATION OF WELL: County Harris From 0 miles in Color St. Buffalo Bayou direction from Houston (N.E., S.W., etc.) (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:

Section No. \_\_\_\_\_ Block No. \_\_\_\_\_ Township \_\_\_\_\_

Abstract No. \_\_\_\_\_ Survey Name \_\_\_\_\_

Distance and direction from two intersecting section or survey lines \_\_\_\_\_

☒ See attached map.

3) TYPE OF WORK (Check):  
☒ New Well ☐ Deepening  
☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):  
☐ Domestic ☐ Industrial ☒ Monitor ☐ Public Supply  
☐ Irrigation ☐ Test Well ☐ Injection ☐ Other \_\_\_\_\_

5) DRILLING METHOD (Check): ☐ Driven  
☐ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored  
☐ Air Rotary ☐ Cable Tool ☒ Other HSA

6) WELL LOG:

Date Drilling:  
Started 1-26 19 89  
Completed 1-26 19 89

DIAMETER OF HOLE  
Dia. (in.) From (ft.) To (ft.)

<u>8</u>	Surface	<u>36</u>

7) BOREHOLE COMPLETION:

☐ Open Hole ☐ Straight Wall ☐ Underreamed  
☒ Gravel Packed ☐ Other \_\_\_\_\_  
If Gravel Packed give interval ... from 10 ft. to 36 ft.

From (ft.) To (ft.) Description and color of formation material

SEE ATTACHED LOG  
MW-4

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
			From	To	
<u>4</u>	<u>N</u>	<u>PVC SLOTTED</u>	<u>15</u>	<u>35</u>	<u>0.0/0</u>
<u>4</u>	<u>N</u>	<u>PVC CASING</u>	<u>0</u>	<u>15</u>	

9) CEMENTING DATA [Rule 319.44(b)]

Cemented from 0 ft. to 8 ft. No. of Sacks Used \_\_\_\_\_  
\_\_\_\_\_ ft. to \_\_\_\_\_ ft. No. of Sacks Used \_\_\_\_\_  
Method used PUMP FROM SURFACE  
Cemented by IT CORP

10) SURFACE COMPLETION

☒ Specified Surface Slab Installed [Rule 319.44(c)]  
☐ Pitless Adapter Used [Rule 319.44(d)]  
☐ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:

Static level 25 ft. below land surface Date 2-6/89  
Artesian flow \_\_\_\_\_ gpm. Date \_\_\_\_\_

12) PACKERS: Type Depth

13) TYPE PUMP: NONE

☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder  
☐ Other \_\_\_\_\_  
Depth to pump bowls, cylinder, jet, etc., \_\_\_\_\_ ft.

14) WELL TESTS: NONE

Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated  
Yield: \_\_\_\_\_ gpm with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.

15) WATER QUALITY:

Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No  
If yes, submit "REPORT OF UNDESIRABLE WATER"  
Type of water? \_\_\_\_\_ Depth of strata \_\_\_\_\_  
Was a chemical analysis made? ☐ Yes ☐ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME IT Corporation Water Well Driller's License No. 02791 M  
(Type or Print)

ADDRESS 2925 Briarpark Suite 405 Houston, Texas 77042  
(Street or RFD) (City) (State) (Zip)

(Signed) [Signature] (Signed) \_\_\_\_\_  
(Licensed Water Well Driller) (Registered Driller Trainee)

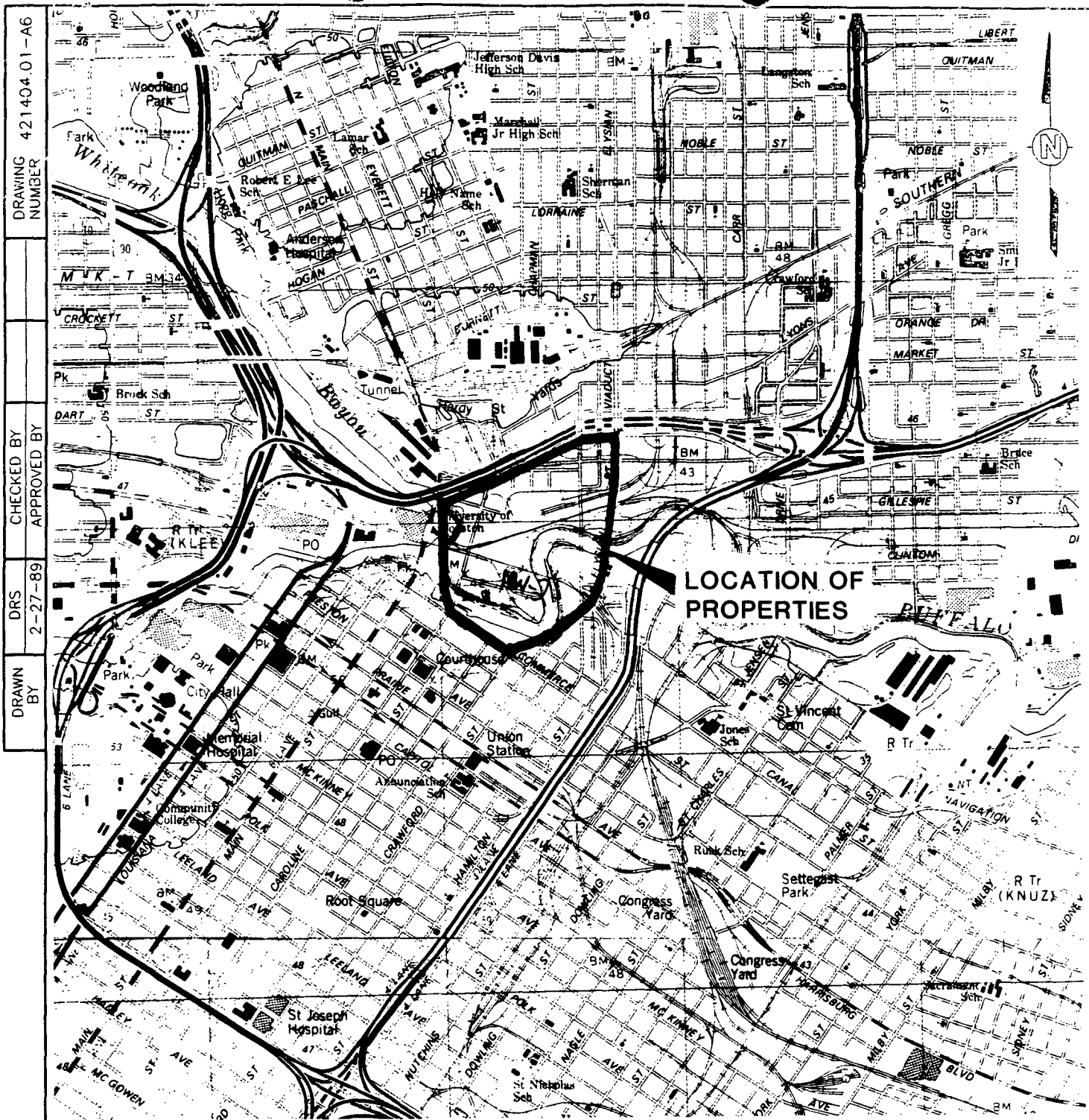
Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only  
Well No. 65-14-7  
Located on map \_\_\_\_\_

**ATTENTION OWNER:** Confidentiality Privilege Notice on Reverse Side

 See attached map.

TEXAS WATER COMMISSION COPY



2000 0 2000 FT  
SCALE

FIGURE 1

LOCATION MAP  
BUFFALO BAYOU SITE  
HOUSTON, TEXAS

REFERENCE: U.S.G.S. 7.5 MINUTE QUADRANGLE  
SETTEGAST, TEXAS 1982 MAR 29 1989

PREPARED FOR

SOUTHERN PACIFIC TRANSPORTATION CO.  
SAN FRANCISCO, CALIFORNIA

TEXAS WATER CO. **TW**

DRAWING NUMBER 421404.01-A6  
CHECKED BY  
APPROVED BY  
DRS 2-27-89  
DRAWN BY

SPBB1

# VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 42-1404-01		PROJECT NAME: Southern Pacific - Houston Sites	
BORING NUMBER: MW-2		AREA: H-6	
ELEVATION:		DATE: 1-24-89	
ENGINEER/GEOLOGIST: M. J. Kelly		DATE STARTED:	
DRILLING METHOD: Hollow Stem Auger		DATE COMPLETED:	
		PAGE 1 OF 2	

D E P T H (Ft.)	S A M P L E S	P R O F I L E	D E S C R I P T I O N	R E A D I N G P O I N T S	C O N S T R U C T I O N	R E M A R K S
0	MW2-0		Gravel Brown sand, gravel, asphalt, broken glass, dry, slight odor	0		No odor Retain for analysis Slight odor asphalt
5			Light gray silty SAND, very fined grained, loose, dry, no odor		C	No odor
10			Becoming more clayey			
			Brown silty CLAY, dry		B	
			Becoming more clayey		S	
15			Green/gray mottled orange CLAY	0		
20	MW2-20		Red/brown, slickensides			Retain for analysis
25						

**RECEIVED**

MAR 29 1989

TEXAS WATER COMMISSION

NOTES:

C - CEMENT  
B - BENTONITE  
S - SAND  
+ SCREEN

## VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 421404-01		PROJECT NAME: Southern Pacific - Houston Sites				
BORING NUMBER: MW-2		AREA: H-6				
ELEVATION:		DATE: 1-24-89				
GWL: Depth		DATE STARTED:				
ENGINEER/GEOLOGIST: M. J. Kelly		DATE COMPLETED:				
DRILLING METHOD: Hollow Stem Auger		PAGE 2 OF 2				
DEPTH (Ft.)	SAMPLE TYPE & NO	PROFILE	DESCRIPTION	READING OVER A G P P M	CONSTRUCTION WELL	REMARKS
25			Crumbly	0		No odor
30			Red brown SILT, wet, clayey, no odor	0		Wet at 30'
35	MW2-35		SAME			Retain for analysis
40			T.D. 37'			
45						
50						

NOTES:

T.D. 37'.

Wet @ 30'.

No odor.

RECEIVED

MAR 29 1989

TEXAS WATER COMMISSION

C - CEMENT

B - BENTONITE

S - SAND

↑

SCREEN

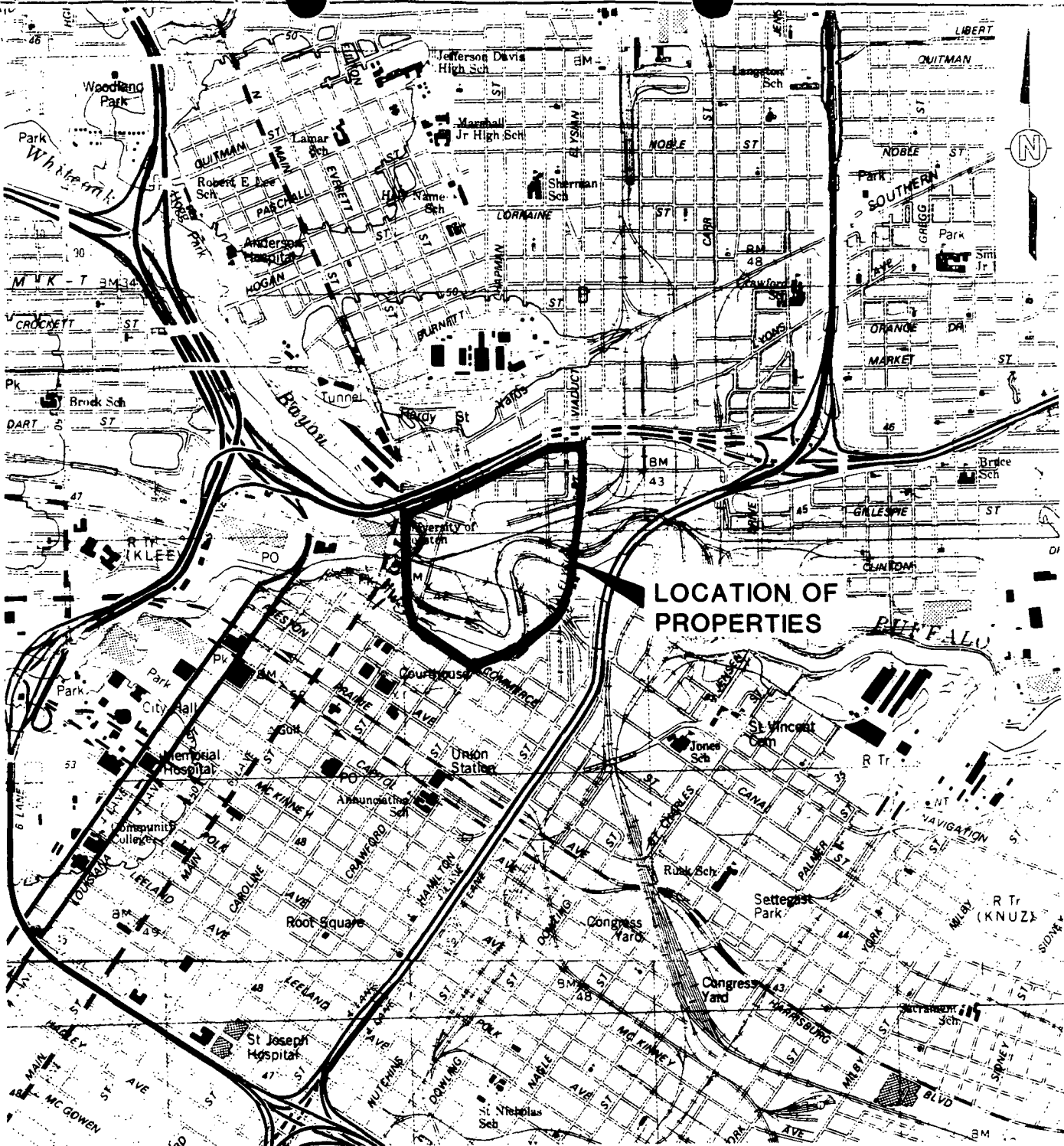
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DRAWING NUMBER 421404.01-A6

CHECKED BY  
APPROVED BY

DRS 2-27-89

DRAWN BY



2000 0 2000 FT

SCALE

RECEIVED

REFERENCE: U.S.G.S. 7.5 MINUTE QUADRANGLE  
SETTECAST, TEXAS 1982

FIGURE 1

LOCATION MAP  
BUFFALO BAYOU SITE  
HOUSTON, TEXAS

PREPARED FOR

SOUTHERN PACIFIC TRANSPORTATION CO.  
SAN FRANCISCO, CALIFORNIA

TEXAS WATER COMMISSION

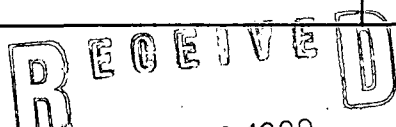


# VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 42-1404-01		PROJECT NAME: Southern Pacific - Houston Sites			
BORING NUMBER: MW-1		AREA: H-3		DATE: 1-23-89	
ELEVATION:		GWL: Depth 34'		Date/Time 1-24/0700 DATE STARTED:	
ENGINEER/GEOLOGIST: M. J. Kelly		Depth		Date/Time DATE COMPLETED:	
DRILLING METHOD: Hollow Stem Auger		PAGE 1 OF 2			

D E P T H (Ft.)	S A M P L E T Y P E	P R O F I L E	D E S C R I P T I O N	R E A D I N G P I P M O V E M E N T	C O N S T R U C T I O N W E L L	R E M A R K S
0	MW1-0		Dark brown silt gravel, shells, dry	0		No odor retain for analysis
5			Black sandy CLAY, dry, firm		C	
			Becoming silty			
10			Light gray, silty CLAY, mottled orange			
15			Gray-tan, crumbly, no odor		B	
					S	
20	MW1-20		Orange, red/brown, black, organic pieces, brick			Retain for analysis

NOTES:



MAR 29 1989

TEXAS WATER COMMISSION

C - CEMENT  
 B - BENTONITE  
 S - SAND  
 + SCREEN



# VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 421404-01		PROJECT NAME: Southern Pacific - Houston Sites			
BORING NUMBER: MW-1		AREA: H-3		DATE: 1-23-89	
ELEVATION:		GWL: Depth 34'		Date/Time 1-24/0700	
ENGINEER/GEOLOGIST: M. J. Kelly		Depth		DATE COMPLETED:	
DRILLING METHOD: Hollow Stem Auger				PAGE 2 OF 2	

D E P T H (Ft.)	S A M P L E S & P Y N E E O	P R O F I L E	D E S C R I P T I O N	R E A D I N G P M A G M	C O N S T R U C T I O N W E L L	R E M A R K S
--25			Gray CLAY, some gray silt, moist, calcareous, and Fe nodds	0		No odor
--30			Dark green gray sandy SILT, wet, roots, organic material			
--35	MW1-35		Red brown mottled gray silty CLAY, wet at 36'			Retain for analysis
--40			Red brown clayey SILT, wet, no odor			
--45			T.D. 42'			
--50						

NOTES:

Wet @ 36'.

No odor.

T.D. 42'.

**RECEIVED**

MAR 29 1989

TEXAS WATER COMMISSION

C - CEMENT

B - BENTONITE

S - SAND

↑

SCREEN

↑

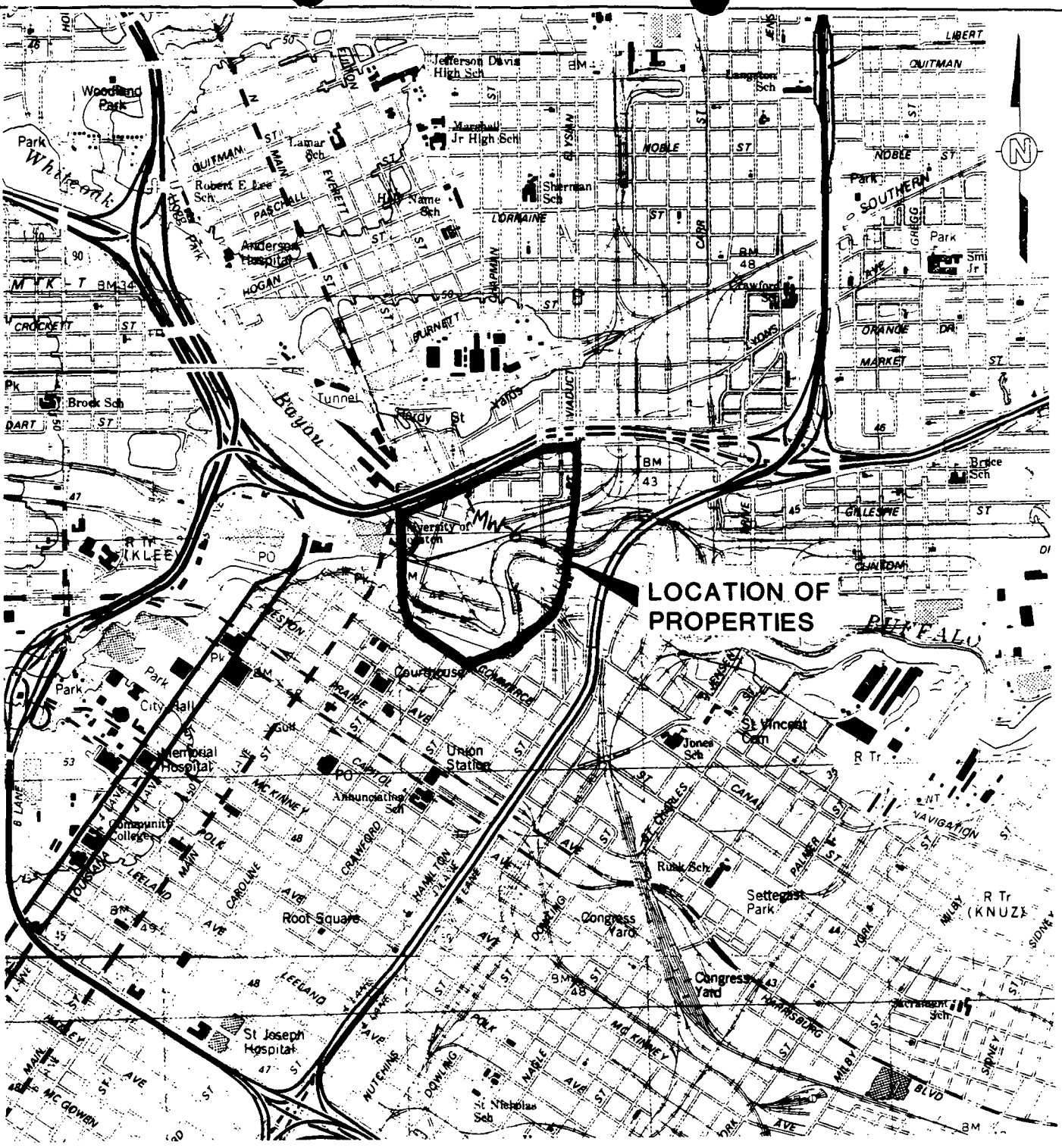
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APPROVED BY

DRS 2-27-89

DRAWN BY



LOCATION OF PROPERTIES

FIGURE 1

LOCATION MAP  
BUFFALO BAYOU SITE  
HOUSTON, TEXAS

REFERENCE: U.S.G.S. 7.5 MINUTE QUADRANGLE  
SETTECAST, TEXAS 1982

PREPARED FOR  
SOUTHERN PACIFIC TRANSPORTATION CO.  
SAN FRANCISCO, CALIFORNIA

MAR 29 1989



TEXAS WATER COMMISSION

SP881

# VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 42-1404-01		PROJECT NAME: Southern Pacific - Houston Sites	
BORING NUMBER: MW-6		AREA: H-1	DATE: 1-26-89
ELEVATION:		GWL: Depth	Date/Time
ENGINEER/GEOLOGIST: M. J. Kelly		Depth	Date/Time
DRILLING METHOD: Hollow Stem Auger		DATE COMPLETED:	
		PAGE 1 OF 2	

D E P T H (Ft.)	S A M P L E S & P R O F I L E	P R O F I L E	D E S C R I P T I O N	R E A D I N G P I P P M O V E M E N T	C O N S T R U C T I O N W E L L	R E M A R K S
--0	MW6-0		Concrete pavement Brown gray clay, dry, asphalt, rubble, gravel, sand	0		Slight odor asphalt Retain for analysis
--5			CLAY, gray/dark gray, dry, firm			No odor
--10			Mottled orange, no odor			
--15			Silty CLAY, soft, moist		B	
--20	MW6-20		Tan brown mottled red/brown, dry, firm		S	MW6-20 Retain for analysis
--25						

NOTES:

RECEIVED

MAR 29 1989

C - CEMENT  
 B - BENTONITE  
 S - SAND  
 + SCREEN

# VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 421404-01		PROJECT NAME: Southern Pacific - Houston Sites			
BORING NUMBER: MW-6		AREA: H-1		DATE: 1-26-89	
ELEVATION:		GWL: Depth		Date/Time	
ENGINEER/GEOLOGIST: M. J. Kelly		Depth		Date/Time	
DRILLING METHOD: Hollow Stem Auger		PAGE 2 OF 2			

DEPTH (Ft.)	SAMPLING & TESTS	PROFILE	DESCRIPTION	READINGS OIP VNP AGM	CONSTRUCTION WELL	REMARKS
--25			Red/brown mottled, gray CLAY, crumbly, slickenside, dry	0		No odor
--30			Silty CLAY, wet, soft			Wet at 30'
--35			Silt lenses			
--40	MW6-40		SAME			MW6-40 Retain for analysis
--45			T.D. 42'			
--50						

NOTES:

T.D. 42'.

Wet @ 30'.

Slight odor at surface only.

RECEIVED

MAR 29 1989

C - CEMENT

B - BENTONITE

S - SAND

SCREEN

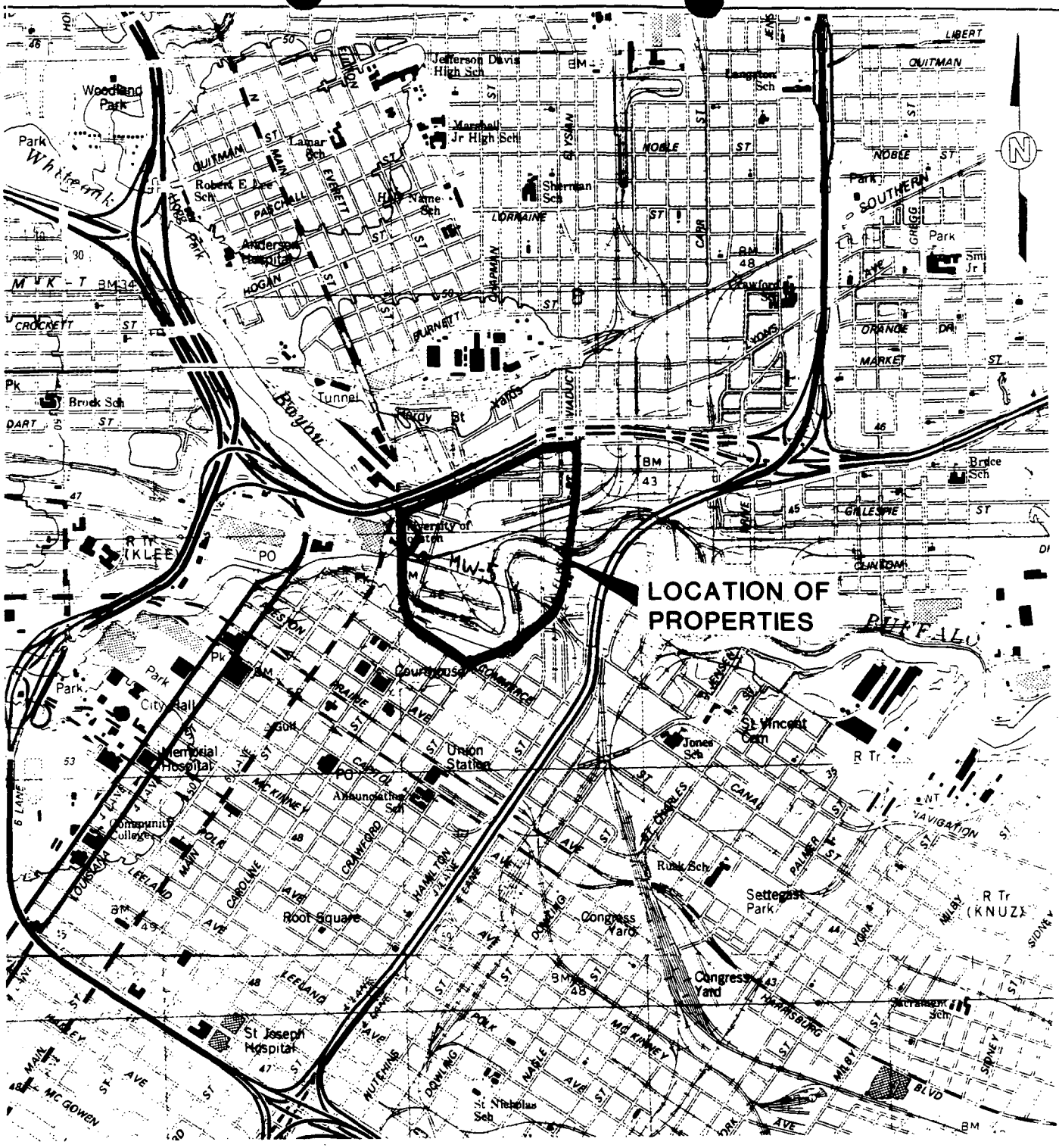
DRAWING NUMBER 421404.01-A6

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APPROVED BY

DRS 2-27-89

DRAWN BY



2000 0 2000 FT

SCALE  
**RECEIVED**

REFERENCE: U.S.G.S. MAP 100-10000 QUADRANGLE  
SETTEGAST, TEXAS 1982

TEXAS WATER COMMISSION

FIGURE 1

LOCATION MAP  
BUFFALO BAYOU SITE  
HOUSTON, TEXAS

PREPARED FOR  
SOUTHERN PACIFIC TRANSPORTATION CO.  
SAN FRANCISCO, CALIFORNIA



SPB61

# VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 42-1404-01 PROJECT NAME: Southern Pacific - Houston Sites  
 BORING NUMBER: MW-5 AREA: H-4 DATE: 1-26-89  
 ELEVATION: GWL: Depth Date/Time DATE STARTED:  
 ENGINEER/GEOLOGIST: M. J. Kelly Depth Date/Time DATE COMPLETED:  
 DRILLING METHOD: Hollow Stem Auger PAGE 1 OF 2

DEPTH (Ft.)	SAMPT & PLYN EEO	PROFILE	DESCRIPTION	READING OVP AGM	CONSTRUCTION WELL	REMARKS
0	MW5-0		Asphalt Gravel, cobbles, rubble, dark brown sand	0		No odor MW5-0 Retain for analysis
5			Tan SAND, fine grained, dry, loose		C	
10			Light gray mottled orange silty CLAY, soft			
15			a/a dry, no odor		B	
20	MW5-20		Red/brown CLAY, firm, mottled gray		S	MW5-20 Retain for analysis
25						

NOTES:

RECEIVED  
 MAR 29 1989

C - CEMENT  
 B - BENTONITE  
 S - SAND  
 + SCREEN

# VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 421404-01		PROJECT NAME: Southern Pacific - Houston Sites			
BORING NUMBER: MW-5		AREA: H-4		DATE: 1-26-89	
ELEVATION:		GWL: Depth		Date/Time	
ENGINEER/GEOLOGIST: M. J. Kelly		Depth		Date/Time	
DRILLING METHOD: Hollow Stem Auger		PAGE 2 OF 2			

D (Ft.)	S A M P L E T Y P E & P R O F I L E	DESCRIPTION	READING O V E R A G E	CONSTRUCTION W E L L	REMARKS
25		Mottled green/gray, crumbly, slicken-sides	0		No odor
30		Silty CLAY, soft, wet			Wet at 30'
35		Silty CLAY, no odor			
40	MW5 40	SAME T.D. 40'			Retain for analysis
45					
50					

NOTES:

T.D. 40'.

Wet @ 30'.

No odor.

**RECEIVED**

MAR 29 1989

C - CEMENT

B - BENTONITE

S - SAND

SCREEN

DRAWING NUMBER 421404.01-A6

CHECKED BY

APPROVED BY

DRS 2-27-89

DRAWN BY



2000 0 2000 FT

SCALE

FIGURE 1

LOCATION MAP  
BUFFALO BAYOU SITE  
HOUSTON, TEXAS

REFERENCE: U.S.G.S. 7.5 MINUTE QUADRANGLE  
SETTEGAIST, TEXAS 1982

TEXAS WATER COMMISSION

PREPARED FOR

SOUTHERN PACIFIC TRANSPORTATION CO.  
SAN FRANCISCO, CALIFORNIA



SPBB1

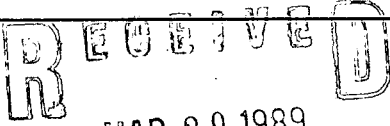


# VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 42-1404-01		PROJECT NAME: Southern Pacific - Houston Sites	
BORING NUMBER: MW-4		AREA: H-6	DATE: 1-26-89
ELEVATION:	GWL: Depth	Date/Time	DATE STARTED:
ENGINEER/GEOLOGIST: M. J. Kelly	Depth	Date/Time	DATE COMPLETED:
DRILLING METHOD: Hollow Stem Auger		PAGE 1 OF 2	

DEPTH (Ft.)	S A M P L E S	P R O F I L E	DESCRIPTION	R E A D I N G A G E	C O N S T R U C T I O N W E L L	REMARKS
0	MW4-0		Black cinder gravel gravel, sand, concrete rubble, brown, loose, dry	0		MW4-0 Retain for analysis No odor
5			Tan silty SAND, dry, loose		C	
10			SAND a/a very fine grained, unconsoli- dated		B	
15			SAME		S	
20	MW4-20		Red/brown silty SAND, dry, loose, very fine grained			MW4-20 Retain for analysis
25						

NOTES:

  
MAR 29 1989  
TEXAS WATER COMMISSION

C - CEMENT  
B - BENTONITE  
S - SAND  
+ SCREEN

# VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 421404-01		PROJECT NAME: Southern Pacific - Houston Sites	
BORING NUMBER: MW-4		DATE: 1-26-89	
ELEVATION:		GWL: Depth	Date/Time
ENGINEER/GEOLOGIST: M. J. Kelly		Depth	DATE COMPLETED:
DRILLING METHOD: Hollow Stem Auger		PAGE: 2 OF 2	

DEPTH (Ft.)	S A M P L E S	T & P Y P E S	P R O F I L E	DESCRIPTION	R E A D I N G A G E	C O N S T R U C T I O N W E L L	REMARKS
--25				Wet	0		Wet at 25'
--30				SAND, fine grained, no odor			
--35	MW4-35			Silty SAND, gray clay below 34'			MW4-35 Retain for analysis
--40				T.D. 36'			
--45							
--50							

NOTES:

T.D. 36'.

Wet @ 25'.

No odor.

**RECEIVED**

MAR 29 1989

C - CEMENT

B - BENTONITE

S - SAND

↑  
SCREEN

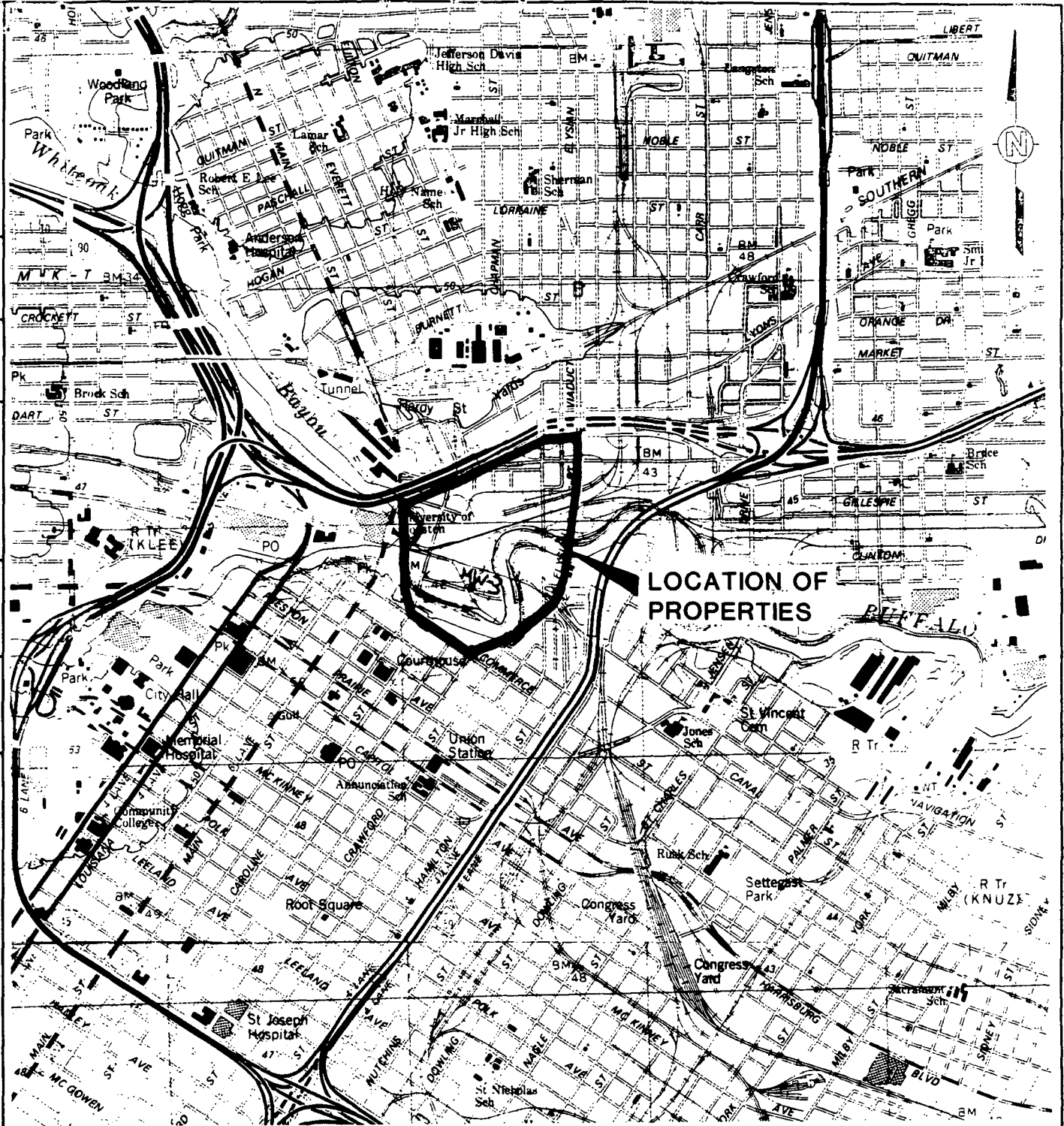
TEXAS WATER COMMISSION

DRAWING NUMBER  
421404.01-A6

CHECKED BY  
APPROVED BY

DRS  
2-27-89

DRAWN BY



LOCATION OF  
PROPERTIES

2000 0 2000 FT  
SCALE

FIGURE 1

LOCATION MAP  
BUFFALO BAYOU SITE  
HOUSTON, TEXAS

REFERENCE: U.S.G.S. 7.5 MINUTE QUADRANGLE  
SETTEGAST, TEXAS 1982

PREPARED FOR

SOUTHERN PACIFIC TRANSPORTATION CO.  
SAN FRANCISCO, CALIFORNIA



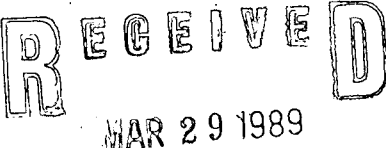
SPBB1

# VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 42-1404-01		PROJECT NAME: Southern Pacific - Houston Sites			
BORING NUMBER: MW-3		AREA: H-5		DATE: 1-25-89	
ELEVATION:		GWL: Depth		Date/Time	
ENGINEER/GEOLOGIST: M. J. Kelly		Depth		DATE COMPLETED:	
DRILLING METHOD: Hollow Stem Auger				PAGE 1 OF 2	

D E P T H (Ft.)	S A M P L E S & P Y N E E O	P R O F I L E	D E S C R I P T I O N	R E A D I N G P A V G M	C O N S T R U C T I O N W E L L	R E M A R K S
--0	MW-3 0		Grass, topsoil and weeds, dark gray brown sand, shells	0		No odor Retain for analysis
--5			Light gray silty SAND, very fine grained, loose, dry, no odor			
--10			Brown silty CLAY, firm			
--15			Light gray, mottled orange CLAY, dry		B S	
--20	MW3- 20		Red brown, mottled green gray, slickensides			Retain for analysis
--25						

NOTES:



MAR 29 1989

C - CEMENT  
 B - BENTONITE  
 S - SAND  
 + SCREEN

# VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 421404-01 PROJECT NAME: Southern Pacific - Houston Sites  
 BORING NUMBER: MW-3 AREA: H-6 DATE: 1-25-89  
 ELEVATION: GWL: Depth Date/Time DATE STARTED:  
 ENGINEER/GEOLOGIST: M. J. Kelly Depth Date/Time DATE COMPLETED:  
 DRILLING METHOD: Hollow Stem Auger PAGE 2 OF 2

D E P T H (Ft.)	S A M P L E T Y P E & P R O F I L E	P R O F I L E	D E S C R I P T I O N	R E A D I N G P O V N A G M	C O N S T R U C T I O N W E L L	R E M A R K S
--25			Red brown SILT			No odor
--30			Silty CLAY, wet below 30.5 feet			Wet @ 30.5'
--35			CLAY, silty, wet			
--40			SILT			Retain for analysis
--45						
--50						

## NOTES:

T.D. 40'.  
 Wet @ 30.5'.  
 No odor.

RECEIVED  
 MAR 29 1989

C - CEMENT  
 B - BENTONITE  
 S - SAND  
 SCREEN

ATTENTION OWNER: Confidentiality  
Privilege Notice on Reverse Side

STATE OF TEXAS  
WATER WELL REPORT

101

1) OWNER: HYDRAULIC EQUIPMENT SERV. ADDRESS: 1021 NORTH SAN JACINTO CITY: HOUSTON STATE: TX ZIP: 77002-1199

2) ADDRESS OF WELL:

County: HARRIS

GRID # 65-14-7

Street or RFD: 1021 NORTH SAN JACINTO

City, State, Zip code: HOUSTON, TX 77002-1199

3) TYPE OF WORK: NEW WELL

4) PROPOSED USE: BACKUP TO CITY WATER

If Public Supply well, were plans submitted to the TNRCC?

6) WELL LOG: 01610

DIAMETER OF HOLE

7) DRILLING METHOD:

8) BOREHOLE COMPLETION:

DATE DRILLING: 7.0 0 440

MUD ROTARY

TWO STRING/K-PACKER

N^

STARTED: 02/15/99 3.875 440 452

IF GRAVEL... FROM FT. TO FT.

COMPLETED: 02/19/99

FROM FT. TO FT.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
4.0	N	P.V.C. SCH.40	0	440	CASING
2.5	N	P.V.C. SCH.40	421	442	LINER
2.5	N	P.V.C. - UNDERBAR	442	452	.006

GEOLOGICAL DESCRIPTION:

FROM TO DESCRIPTION

0	2	FILL
2	4	SOIL
4	14	CLAY-WHITE
14	54	CLAY-TAN CLAY-RED SANDSTONE
54	61	SAND-TAN-.006-.008
61	92	CLAY-RED
92	100	SAND-TAN-.006-.008
100	170	CLAY-GRAY
170	182	SAND-WHITE-.014-.020
182	212	CLAY-GRAY
212	230	SAND-WHITE-.006-.008
230	255	CLAY-RED
255	274	SAND-WHITE-.006-.008
274	278	CLAY-GRAY
278	282	SAND-WHITE-.006-.008

9) CEMENTING DATA:

Cemented from	No. of Sacks Used
0 FT. TO 440 FT.	56
FT. TO FT.	

Method used: PRESSURE-HALIBURTON

Cemented by: AWWIS

Distance to septic field lines: N/A ft.

Method of verification of above distance:

CITY SEWER

10) SURFACE COMPLETION:

PITLESS ADAPTER USED

11) WATER LEVEL:

STATIC LEVEL : 205 FT. DATE: 02/17/99

ARTESIAN FLOW: GPM. DATE:

12) PACKERS:

TYPE	DEPTH
K-PACKER	421
K-PACKER	422

13) TYPE PUMP:

SUBMERSIBLE

DEPTH TO PUMP: 260

14) WELL TEST:

JETTED

YIELD: 30 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:

TYPE OF WATER: GOOD

DEPTH OF STRATA: 452

NO CHEMICAL ANALYSIS MADE

NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE

WATER WELL DRILLER'S LICENSE NO.: 843, 2350, 2843

FOR TWC USE ONLY

ADDRESS: P.O. BOX 266

CITY: MANVEL

STATE: TX ZIP CODE: 77578

WELL NO.

LOCATED ON MAP

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed)

(LICENSED WATER WELL DRILLER)

(signed)

(REGISTERED DRILLER TRAINEE)

FILED	SEQ #
EMP #	020000
SEP 14 1999	
COMMENT	

OWNER: HYDRAULIC EQUIPMENT SERV. ADDRESS: 1021 NORTH SAN JACINTO CITY: HOUSTON STATE: TX ZIP: 77002-1199

282	318 CLAY-RED	:
318	340 SAND-WHITE-.010-.012	:
340	440 CLAY-RED CLAY-BLUE	:
440	452 SAND-WHITE-.006-.008 SAND-WHITE-.010-.012	:

FILE ID	SEQ 1
EMP 1	0386 CO
SEP 14 1999	
COMM 1	

Send original copy by  
certified mail to the  
**Texas Department of Water Resources**  
**P. O. Box 13087**  
**Austin, Texas 78711**

State of Texas  
WATER WELL REPORT

For TDWR use only  
Well No. 65-14-7J  
Located on map YES  
Received: TH

**ATTENTION OWNER:** *Confidentiality Privilege Notice on Reverse Side*

~~Harris-Galveston Coastal~~

1) OWNER Subsidence District Address P. O. Box 58847 Houston, Texas 77041  
(Name) (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL:  
County Harris 5 miles in N.E. direction from Houston  
(N.E., S.W., etc.) (Town)

Driller **must** complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ **Legal description:**  
 Section No. \_\_\_\_\_ Block No. \_\_\_\_\_ Township \_\_\_\_\_  
 Abstract No. \_\_\_\_\_ Survey Name \_\_\_\_\_  
 Distance and direction from two intersecting section or survey lines \_\_\_\_\_

 See attached map.

**3) TYPE OF WORK (Check):**

☒ New Well      ☐ Deepening  
☐ Reconditioning      ☐ Plugging

4) PROPOSED USE (Check):

☐ Domestic    ☐ Industrial    ☐ Public Supply  
☐ Irrigation    ☒ Test Well    ☐ Other \_\_\_\_\_

5) DRILLING METHOD (Check):

☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored  
☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other

**6) WELL LOG:**

#3  
Date drilled 2-15-80

DIAMETER OF HOLE

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)

7-7/8	Surface	1033
-------	---------	------

## 7) BOREHOLE COMPLETION:

☐ Open Hole      ☒ Straight Wall      ☐ Underreamed  
☐ Gravel Packed      ☐ Other \_\_\_\_\_  
 If Gravel Packed give interval \_\_\_\_\_ from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

From (ft.)	To (ft.)	Description and color of formation material
---------------	-------------	--

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.)		Gage Casing Screen
			From	To	
4½	N	Steel	+2	1013	.237
2½	N	Steel	1003	1018	
2½	N	SST Screen	1018	1028	
2½	N	Steel	1028	1033	

### CEMENTING DATA

Cemented from 0 ft. to 1013 ft.  
Method used Pressure  
Cemented by Halliburton  
(Company or Individual)

9) WATER LEVEL:

Static level \_\_\_\_\_ ft. below land surface      Date \_\_\_\_\_

Artesian flow \_\_\_\_\_ gpm.      Date \_\_\_\_\_

10) PACKERS:	Type	Lead	Depth	1003
--------------	------	------	-------	------

11) TYPE PUMP:

☐ Turbine      ☐ Jet      ☐ Submersible      ☐ Cylinder

☐ Other \_\_\_\_\_

Depth to pump bowls, cylinder, jet, etc., \_\_\_\_\_ f

### 13) WATER QUALITY

Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No

If yes, submit "REPORT OF UNDESIRABLE WATER"

Type of water? \_\_\_\_\_ Depth of strata \_\_\_\_\_

Was a chemical analysis made? ☒ Yes ☐ No


**12) WELL TESTS:**

☐ Type Test:    ☐ Pump    ☐ Bailer    ☒ Jetted    ☐ Estimated  
Yield:                  gpm with                  ft. drawdown after                  hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME James O'Connor Water Well Drillers Registration No. 999  
(Type or Print)

ADDRESS 5931 Brittmoore Houston Texas 77041  
(Street or RFD) (City) (State) (Zip)

(Signed)  LAYNE-WESTERN COMPANY, INC.  
(Water Well Driller) (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

K.R



**IMPORTANT NOTICE FOR PERSONS  
HAVING WELLS DRILLED CONCERNING  
PRIVILEGE OF CONFIDENTIALITY**

The Water Well Drillers Board and the Department of Water Resources are concerned that some persons having water wells drilled may not be aware of the confidentiality privilege provision of Section 5 of the Water Well Drillers Act. Section 5, the Reporting of Well Logs, reads as follows:

"Every registered water well driller drilling, deepening, or otherwise altering a water well within this State shall make and keep, or cause to be made and kept, a legible and accurate well log, and within sixty (60) days from the completion or cessation of drilling, deepening or otherwise altering such a water well, shall deliver or transmit by certified mail a copy of such well log to the Commission, and the owner thereof or the person having had such well drilled. The well log required herein shall at the request in writing to the Commission, by certified mail, by the owner or the person having such well drilled be held as confidential matter and not made of public record."

The last sentence specifies the means whereby you can, if you wish, assure that logs of your wells will be kept confidential. Please note that the term "Commission" in the above-quoted section and elsewhere in the Water Well Drillers Act now properly means the Texas Department of Water Resources (P. O. Box 13087; Austin, Texas 78711).

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Send original copy by  
certified mail to the  
**Texas Department of Water Resources**  
**P. O. Box 13087**  
**Austin, Texas 78711**

State of Texas  
WATER WELL REPORT

For TDWR use only  
Well No. 65-14-7J  
Located on map YES  
Received: TH

**ATTENTION OWNER:** *Confidentiality Privilege Notice on Reverse Side*

~~Harris-Galveston Coastal~~

1) OWNER Subsidence District Address P. O. Box 58847 Houston, Texas 77058  
(Name) (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: Harris 5 miles in N.E. direction from Houston  
County (N.E., S.W., etc.) (Town)

Driller **must** complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ **Legal description:**  
 Section No. \_\_\_\_\_ Block No. \_\_\_\_\_ Township \_\_\_\_\_  
 Abstract No. \_\_\_\_\_ Survey Name \_\_\_\_\_  
 Distance and direction from two intersecting section or survey lines \_\_\_\_\_

☒ See attached map.

**3) TYPE OF WORK (Check):**

☒ New Well      ☐ Deepening  
☐ Reconditioning      ☐ Plugging

**4) PROPOSED USE (Check):**

☐ Domestic   ☐ Industrial   ☐ Public Supply  
☐ Irrigation   ☒ Test Well   ☐ Other \_\_\_\_\_

5) DRILLING METHOD (Check):

☒ Mud Rotary    ☐ Air Hammer    ☐ Driven    ☐ Bored  
☐ Air Rotary    ☐ Cable Tool    ☐ Jetted    ☐ Other

6) WELL LOG:

#4

Date drilled 2-29-80

DIAMETER OF HOLE

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)

7-7/8	Surface	487
-------	---------	-----

7) BOREHOLE COMPLETION:

☐ Open Hole      ☒ Straight Wall      ☐ Underreamed  
☐ Gravel Packed      ☐ Other \_\_\_\_\_

If Gravel Packed give interval . . . from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

From (ft.)	To (ft.)	Description and color of formation material
---------------	-------------	--

See Attached

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
			From	To	
4½	N	Steel	+2	467	.23
2½	N	Steel	457	472	
2½	N	SST Screen	472	482	
2½	N	Steel	482	487	

## CEMENTING DATA

Cemented from 0 ft. to 467 ft.  
Method used Pressure  
Cemented by Halliburton  
(Company or Individual)

9) WATER LEVEL:

Static level \_\_\_\_\_ ft. below land surface      Date \_\_\_\_\_

Artesian flow \_\_\_\_\_ gpm.      Date \_\_\_\_\_

10) PACKERS:	Type	Lead	Depth	
				457

11) TYPE PUMP:

☐ Turbine      ☐ Jet      ☐ Submersible      ☐ Cylinder  
☐ Other

Depth to pump bowls, cylinder, jet, etc., \_\_\_\_\_ ft.

**12) WELL TESTS:**

☐ Type Test:    ☐ Pump    ☐ Bailer    ☒ Jetted    ☐ Estimated  
Yield: \_\_\_\_\_ gpm with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME James O'Connor Water Well Drillers Registration No. 999  
(Type or Print)

ADDRESS 5931 Brittmoore Houston Texas 77041  
(Street or RFD) (City) (State) (Zip)

(Signed) James J. Connor LAYNE-WESTERN COMPANY, INC.  
(Water Well Driller) (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

K. R

**IMPORTANT NOTICE FOR PERSONS  
HAVING WELLS DRILLED CONCERNING  
PRIVILEGE OF CONFIDENTIALITY**

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"Every registered water well driller drilling, deepening, or otherwise altering a water well within this State shall make and keep, or cause to be made and kept, a legible and accurate well log, and within sixty (60) days from the completion or cessation of drilling, deepening or otherwise altering such a water well, shall deliver or transmit by certified mail a copy of such well log to the Commission, and the owner thereof or the person having had such well drilled. The well log required herein shall at the request in writing to the Commission, by certified mail, by the owner or the person having such well drilled be held as confidential matter and not made of public record."

The last sentence specifies the means whereby you can, if you wish, assure that logs of your wells will be kept confidential. Please note that the term "Commission" in the above-quoted section and elsewhere in the Water Well Drillers Act now properly means the Texas Department of Water Resources (P. O. Box 13087; Austin, Texas 78711).

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CR/TDWR

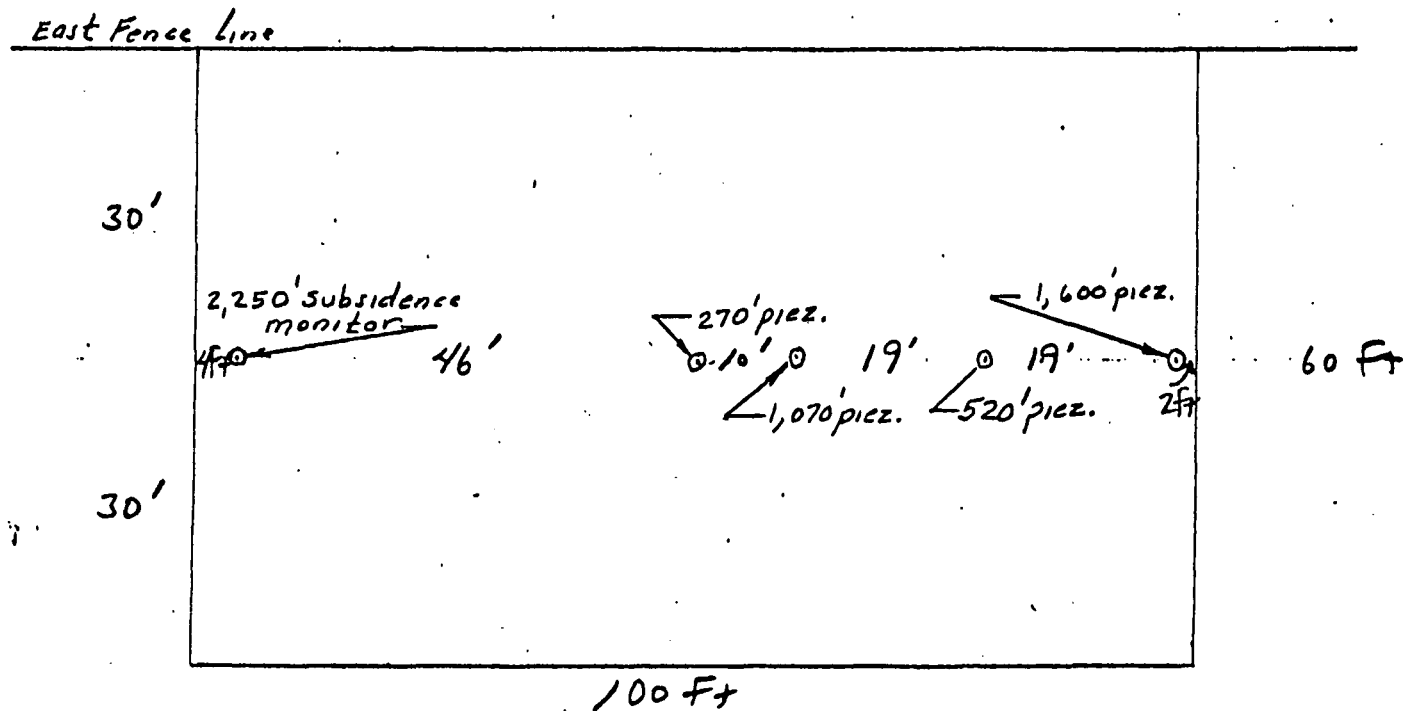
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EXHIBIT C

SUBSIDENCE MONITOR/PIEZOMETERS  
WELL SYSTEM CONSTRUCTION SITE

NORTHEAST

The construction site is located adjacent to the easterly boundary of the City of Houston Northeast Well Field Plant Yard; said Plant Yard being a tract of land located in the J. S. Collins Survey, Abstract 15, bounded on the north side by Brill Street, on the east side by Tuffly Park, and on the west side by Linn Street.



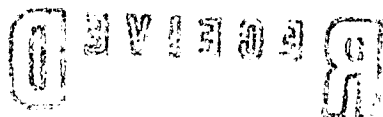
Northeast site  
 Layout of piezometers and subsidence monitor  
 scale: 1" = 20 feet

**Layne-Western Company, Inc.** A Marley Company

P.O. Box 79009 • Houston, Texas 77079 • 713/466-5001

L O G -- WELL #4 NORTHEAST PLANT SITE

0	3	Top Soil
3	15	Clay
15	20	Sand
20	35	Clay
35	40	Sand
40	130	Clay
130	140	Sand
140	169	Clay
169	175	Sand
175	180	Clay
180	243	Sand
243	270	Clay
270	301	Sand
301	360	Clay
360	379	Sand
379	385	Clay
385	401	Sand
401	415	Clay
415	430	Sand
430	445	Clay
445	488	Sand
488	490	Clay



JUN 10 1980

DEPT. OF

WATER RESOURCES



WATER SUPPLY SERVICES

**R E C E I V E D**

**JUN 10 1980**

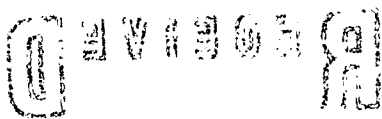
**DEPT. OF  
WATER RESOURCES**





## L O G - WELL #3 NORTHEAST PLANT SITE

0	3	Top Soil
3	60	Clay
60	80	Sand
80	100	Clay
100	140	Sand
140	170	Clay
170	175	Sand
175	182	Clay
182	245	Sand
245	270	Clay
270	300	Sand
300	360	Clay
360	380	Sand
380	385	Clay
385	400	Sand
400	415	Clay
415	430	Sand
430	445	Clay
445	490	Sand
490	530	Clay
530	540	Sand
540	575	Clay
575	600	Sand
600	620	Clay
620	660	Sand
660	715	Clay
715	730	Sand
730	775	Clay
775	780	Sand
780	815	Clay
815	850	Sand
850	895	Clay
895	910	Sand
910	935	Clay
935	970	Sand
970	1009	Clay
1009	1036	Sand



0801 11 1961



WATER SUPPLY SERVICES

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DEPT. OF  
WATER RESOURCES

ATTENTION OWNER: Confidentiality  
Privilege Notice on Reverse SideState of Texas  
WELL REPORTTexas Water Well Drillers Board  
P.O. Box 13087  
Austin, Texas 78711

1) OWNER Houston Chronicle ADDRESS Entrix  
(Name) (Street or RFD) (City) (State) (Zip)  
2) LOCATION OF WELL: 515 Post Oak Blvd., Ste. 400 Houston, TX 77027  
County Harris 0 miles in Downtown direction from Houston  
(NE, SW, etc.) (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:

Section No. \_\_\_\_\_ Block No. \_\_\_\_\_ Township \_\_\_\_\_ Abstract No. \_\_\_\_\_ Survey Name \_\_\_\_\_

Distance and direction from two intersecting section or survey lines \_\_\_\_\_

☒ SEE ATTACHED MAP 95115 MW-A Prairie Street

## 3) TYPE OF WORK (Check):

☒ New Well ☐ Deepening  
☐ Reconditioning ☐ Plugging

## 4) PROPOSED USE (Check):

☐ Domestic ☐ Industrial ☒ Monitor ☐ Public Supply  
☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

## 5) DRILLING METHOD (Check):

☐ Driven  
☐ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored  
☐ Air Rotary ☐ Cable Tool ☒ Other Auger

## 6) WELL LOG:

Date Drilling:

Started 4/29/ 19 89Completed 4/29 19 89

## DIAMETER OF HOLE

Dia. (in.) From (ft.) To (ft.)

10.25 Surface 52

## BOREHOLE COMPLETION:

☐ Open Hole ☐ Straight Wall ☐ Underreamed☒ Gravel Packed ☐ Other \_\_\_\_\_  
If Gravel Packed give interval ... from 49 ft. to 37 ft.

From (ft.) To (ft.) Description and color of formation material

0 - 6	Fill
6 - 35	Red, grey and tan silty clay
35 - 52	Red, fine silty sand - w/groundwater @ 40.5'

## 8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
			From	To	
4	New	PVC Screen	49	39	0.020
4	New	PVC Riser	39	1 to 5	

(Use reverse side if necessary)

## 13) TYPE PUMP:

☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder  
☐ Other \_\_\_\_\_

Depth to pump bowls, cylinder, jet, etc., \_\_\_\_\_ ft.

## 14) WELL TESTS:

Type Test: ☐ Pump ☐ Baller ☐ Jetted ☐ Estimated  
Yield: \_\_\_\_\_ gpm with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.

## 15) WATER QUALITY:

n/a  
Did the drilling penetrate any strata which contained undesirable constituents?  
☐ Yes ☐ No If yes, submit "REPORT OF UNDESIRABLE WATER"  
Type of water? \_\_\_\_\_ Depth of strata \_\_\_\_\_  
Was a chemical analysis made? ☐ Yes ☐ No

## 9) CEMENTING DATA [Rule 287.44(1)]

Cemented from 34 ft. to 1 to 5 ft. No. of Sacks Used \_\_\_\_\_  
\_\_\_\_\_ ft. to \_\_\_\_\_ ft. No. of Sacks Used \_\_\_\_\_Method used TrimmiedCemented by D. Smith

## 10) SURFACE COMPLETION

☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]☐ Pitless Adapter Used [Rule 287.44(3)(B)]☒ Approved Alternative Procedure Used [Rule 287.44(1)] 287.44(1)

## 11) WATER LEVEL:

Static level n/a ft. below land surface Date \_\_\_\_\_  
Artesian flow \_\_\_\_\_ gpm. Date \_\_\_\_\_

## 12) PACKERS:

Type	Depth
Bentonite Pellets	1/2" 37 - 34 ft.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Professional Service Industries  
(Type or print)WELL DRILLER'S LICENSE NO. 02834 WADDRESS 1714 Memorial Drive  
(Street or RFD)Houston  
(City)Texas  
(State)77007  
(Zip)(Signed) Frank Smith  
(Licensed Well Driller)(Signed) Dennis Smith  
(Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. 65-14-7 Located on map \_\_\_\_\_

Please use black ink,  
Send original copy by  
certified mail to the  
Texas Water Commission  
P.O. Box 13087  
Austin, Texas 78711

State of Texas  
WATER WELL REPORT

Texas Water Well Drillers Board  
P. O. Box 13087  
Austin, Texas 78711

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER C/O HLA Continental Coffee Products Company Address 6220 Westpark, Suite 100 Houston Texas 77057  
(Name) (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL:  
County Harris County miles in \_\_\_\_\_ direction from \_\_\_\_\_  
(N.E., S.W., etc.) (Town)

Site M 235 N. Norwood & Navigation Blvd. in Houston, Texas

☐ Legal description:

Section No. \_\_\_\_\_ Block No. \_\_\_\_\_ Township \_\_\_\_\_

Abstract No. \_\_\_\_\_ Survey Name \_\_\_\_\_

Distance and direction from two intersecting section or survey lines \_\_\_\_\_

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☒ See attached map.

3) TYPE OF WORK (Check):

☒ New Well ☐ Deepening  
☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):

☐ Domestic ☐ Industrial ☒ Monitor ☐ Public Supply  
☐ Irrigation ☐ Test Well ☐ Injection ☐ Other \_\_\_\_\_

5) DRILLING METHOD (Check):

☐ Driven  
☐ Mud Rotary ☐ Air Hammer ☐ Jetted ☒ Bored  
☐ Air Rotary ☐ Cable Tool ☐ Other \_\_\_\_\_

6) WELL LOG:

Date Drilling:

Started 10/19 1988

Completed 10/19 1988

DIAMETER OF HOLE

Dia. (in.) From (ft.) To (ft.)

6.5" 0 23.5

Surface

7) BOREHOLE COMPLETION:

☐ Open Hole ☐ Straight Wall ☐ Underreamed  
☒ Gravel Packed ☐ Other \_\_\_\_\_

If Gravel Packed give interval ... from 17.5 ft. to 24.5 ft.

From (ft.) To (ft.)

Description and color of formation material

0 - 2.5	DARK gray clay + Shell mixture dry
2.5 - 5.0	DARK Gray Clay (CH)
5 - 9.0	TAN + LIGHT GRAY CLAY (CH)
9.0 - 13.5	TAN, LIGHT GRAY + REDDISH-BROWN CLAY (CH)
13.5 - 21.0	TAN + LIGHT GRAY CLAYEY SAND (SC)
21.0 - 23.5	TAN, Light gray + Reddish-brown clayey SAND (SC)
23.5 - 24.5	REDDISH-BROWN + TAN CLAY (CH)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
			From	To	
4	N	Sch 40 PVC Pipe	0	19'	—
4	N	Sch 40 PVC Screen	19	24.5	.040

9) CEMENTING DATA [Rule 319.44(b)]

Cemented from 0 ft. to 17 ft. No. of Sacks Used \_\_\_\_\_

Bonbrite Pellets 17 ft. to 18 ft. No. of Sacks Used \_\_\_\_\_

Method used \_\_\_\_\_

Cemented by C.C.I.

10) SURFACE COMPLETION

☐ Specified Surface Slab Installed [Rule 319.44(c)]

☐ Pitless Adapter Used [Rule 319.44(d)]

☐ Approved Alternative Procedure Used [Rule 319.71]

NOTES:

① C.C.I. has installed 12 monitoring wells at this job site. MW #'s 1-12.

Please use black ink.  
Send original copy by  
certified mail to the  
**Texas Water Commission**  
P.O. Box 13087  
Austin, Texas 78711

State of Texas  
**WATER WELL REPORT**

Texas Water Well Drillers Board  
P. O. Box 13087  
Austin, Texas 78711

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER AES (Name) Address 8323 SW FWY, Suite 70 Houston, Tx. 77074 (Street or RFD) (City) (State) (Zip)  
2) LOCATION OF WELL: County Harris NE CORNER OF MEMORIAL DR. & WYCLIFFE in Houston (Town) Texas  
miles in \_\_\_\_\_ direction from \_\_\_\_\_ (N.E., S.W., etc.)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:

Section No. \_\_\_\_\_ Block No. \_\_\_\_\_ Township \_\_\_\_\_

Abstract No. \_\_\_\_\_ Survey Name \_\_\_\_\_

Distance and direction from two intersecting section or survey lines \_\_\_\_\_

☒ See attached map.

3) TYPE OF WORK (Check):

☒ New Well ☐ Deepening  
☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):

☐ Domestic ☐ Industrial ☒ Monitor ☐ Public Supply  
☐ Irrigation ☐ Test Well ☐ Injection ☐ Other \_\_\_\_\_

5) DRILLING METHOD (Check):

☐ Driven  
☐ Mud Rotary ☐ Air Hammer ☐ Jetted ☒ Bored  
☐ Air Rotary ☐ Cable Tool ☐ Other \_\_\_\_\_

6) WELL LOG:

Date Drilling: 8-24 1987  
Started 8-24 1987  
Completed 8-24 1987

DIAMETER OF HOLE

Dia. (in.) From (ft.) To (ft.)  
6.5 Surface 28

7) BOREHOLE COMPLETION:

☐ Open Hole ☒ Straight Wall ☐ Underreamed  
☒ Gravel Packed ☐ Other \_\_\_\_\_

If Gravel Packed give interval ... from 2 ft. to 28 ft.

From (ft.) To (ft.) Description and color of formation material

0 - 1' Pavement  
1 - 18' Silty sandy clay, gray & yellowish brown  
18 - 28' Gray sat. clayey sand

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
			From	To	
2	N	Sch 40 Screen	5	25	20
2	N	" PIPE	0	5	-

9) CEMENTING DATA [Rule 319.44(b)]

Cemented from 0 ft. to 1 ft. No. of Sacks Used 1/2  
Bentonite 1 ft. to 2 ft. No. of Sacks Used 1/2  
Method used Gravity  
Cemented by cei

10) SURFACE COMPLETION 12" p manhole

☐ Specified Surface Slab Installed [Rule 319.44(c)]  
☐ Pitless Adapter Used [Rule 319.44(d)]  
☒ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:

Static level 22 ft. below land surface Date 8/24/87  
Artesian flow \_\_\_\_\_ gpm. Date \_\_\_\_\_

12) PACKERS: Type Depth

13) TYPE PUMP:

☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder  
☐ Other \_\_\_\_\_  
Depth to pump bowls, cylinder, jet, etc., \_\_\_\_\_ ft.

15) WATER QUALITY:

Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No  
If yes, submit "REPORT OF UNDESIRABLE WATER"  
Type of water? \_\_\_\_\_ Depth of strata \_\_\_\_\_  
Was a chemical analysis made? ☐ Yes ☐ No

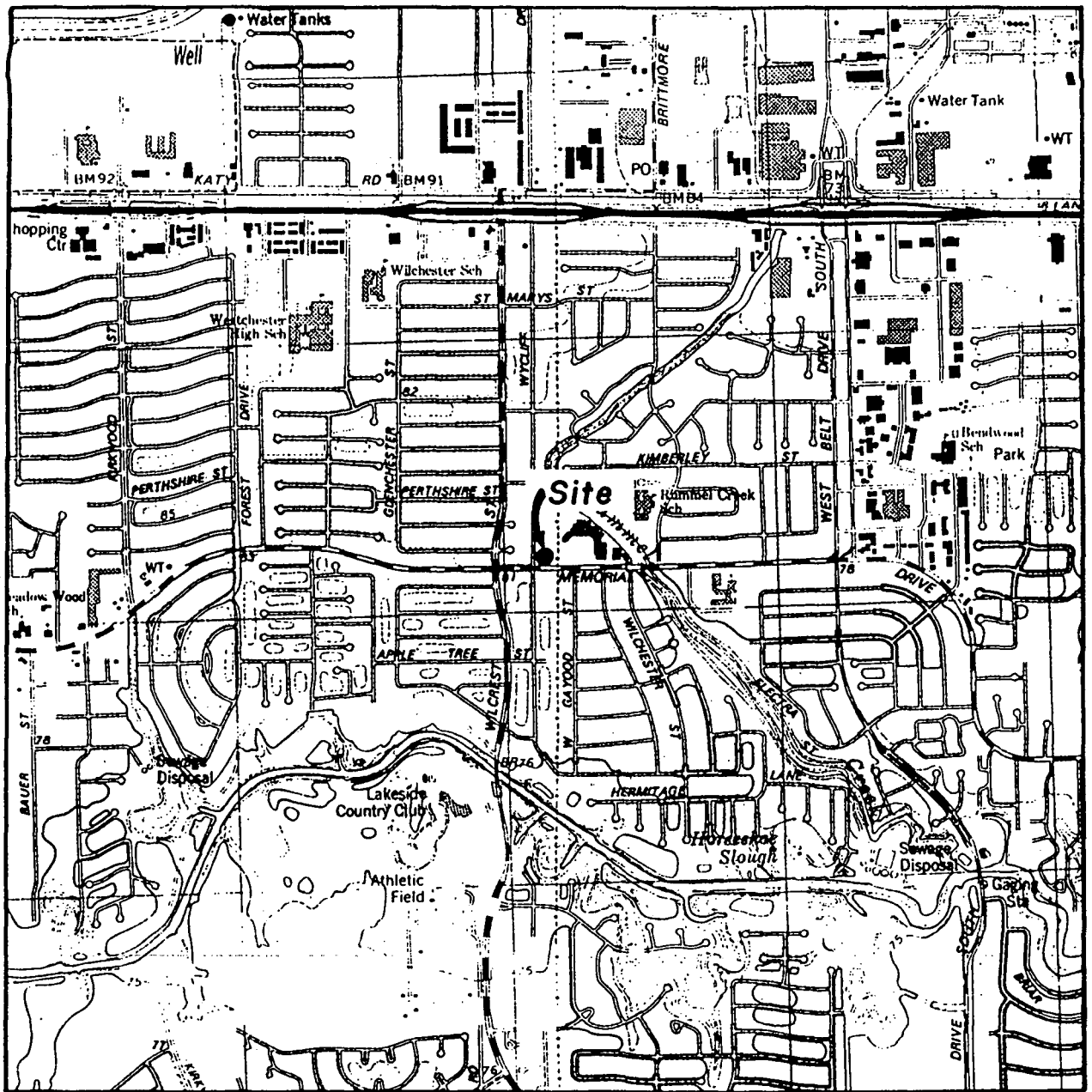
14) WELL TESTS:

Type Test: ☐ Pump ☒ Bailor ☐ Jetted ☐ Estimated  
Yield: \_\_\_\_\_ gpm with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.

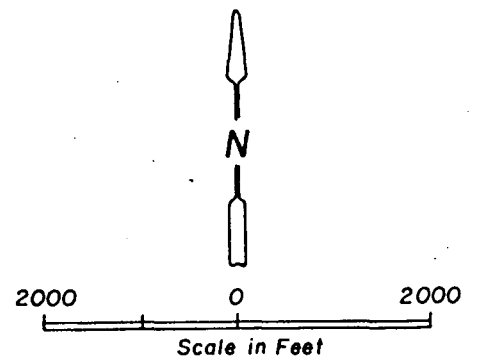
I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

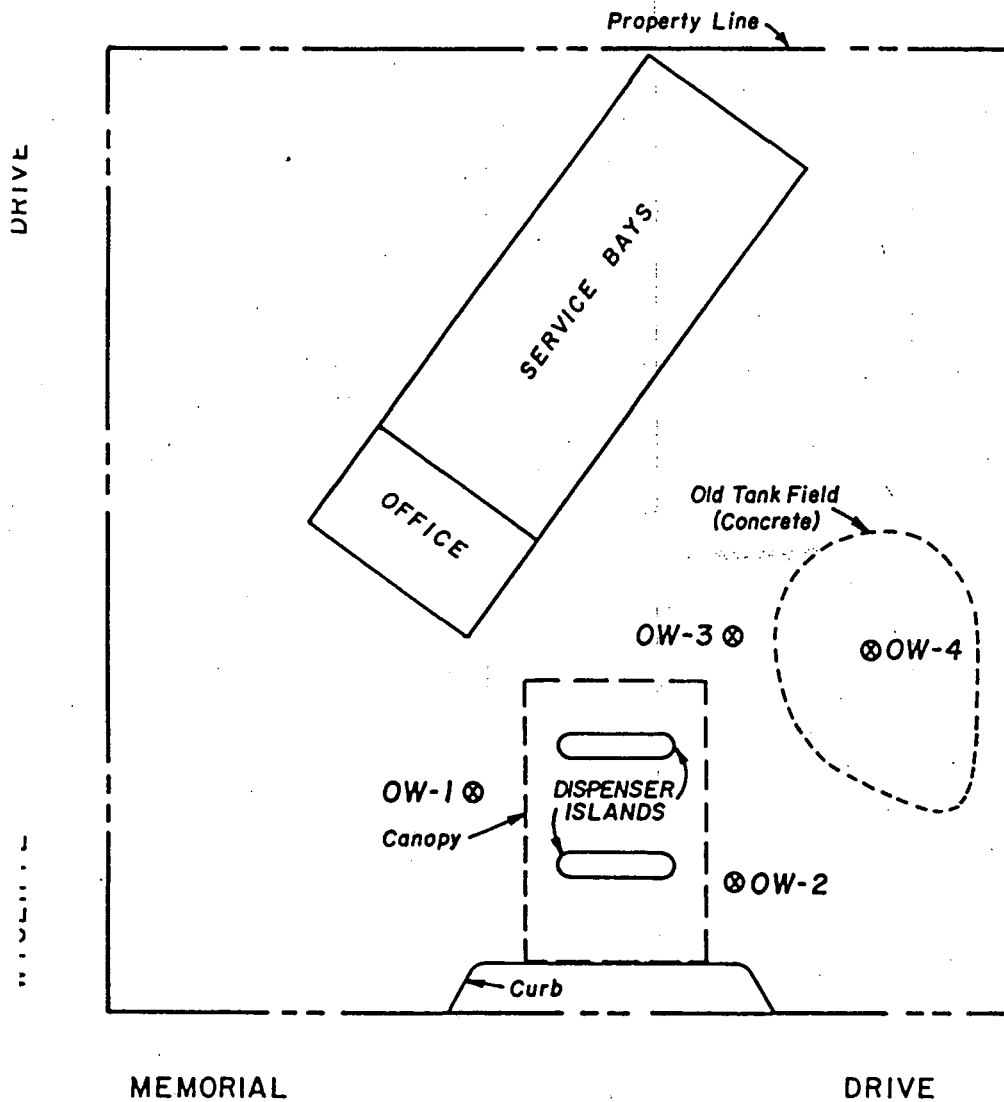
COMPANY NAME Custom Coring Inc (Type or Print) Water Well Driller's License No. 2669-DM  
ADDRESS 10314 Chevy Chase (Street or RFD) Hou. (City) Tx. (State) 77042 (Zip)  
Signed Scott Wolf by MA (Licensed Water Well Driller) (Signed) \_\_\_\_\_ (Registered Driller Trainee)  
Use attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only  
Well No. 85147  
Located on map \_\_\_\_\_



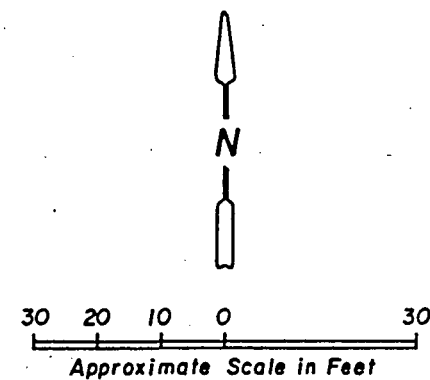
Source: USGS Topographic Map  
Hedwig Village, Texas Quadrangle (1982)





# LEGEND

OW-1  
⊗ Observation Well Location



**Applied Earth Sciences**

No.  
5-037

MADE BY: *R.G.* DATE: *8-21-87*  
CHECKED BY: DATE:

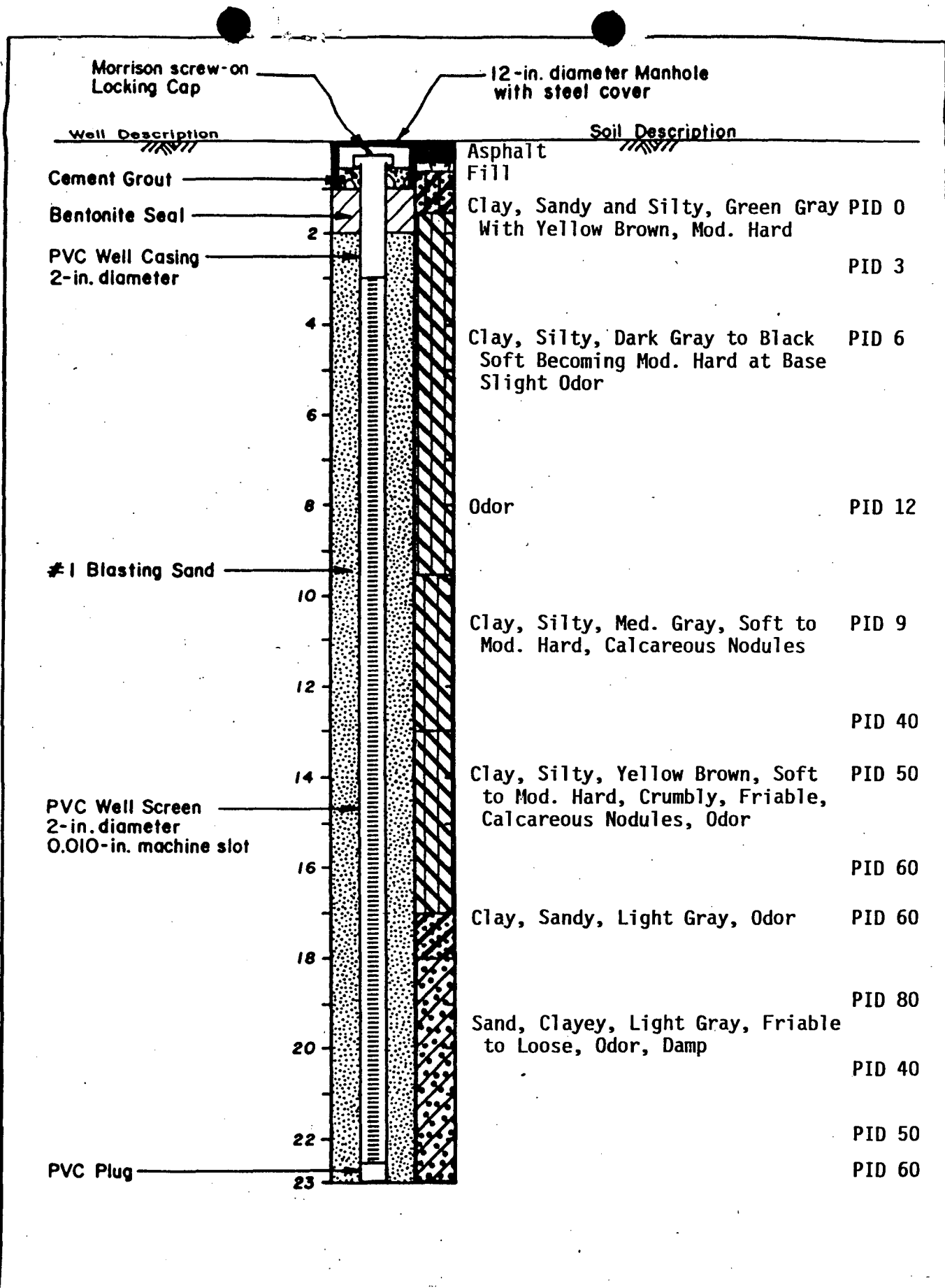
NAME

MOBIL OIL CORPORATION  
Station SS 12-K7A  
Houston, Texas

STATION LAYOUT

FIGURE

3





ATTENTION OWNER: Confidentiality  
Privilege Notice on Reverse SideState of Texas  
WELL REPORTTexas Water Well Drillers Board  
P.O. Box 13087  
Austin, Texas 78711

1) OWNER Houston Chronicle ADDRESS Entrix 515 Post Oak Blvd., Ste. 400 Houston, TX 77027  
(Name) (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL:  
County Harris , 0 miles in Downtown direction from Houston  
(NE, SW, etc.) (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:

Section No. \_\_\_\_\_ Block No. \_\_\_\_\_ Township \_\_\_\_\_ Abstract No. \_\_\_\_\_ Survey Name \_\_\_\_\_

Distance and direction from two intersecting section or survey lines \_\_\_\_\_

☒ SEE ATTACHED MAP 95115 MW-A Prairie Street

## 3) TYPE OF WORK (Check):

☒ New Well ☐ Deepening  
☐ Reconditioning ☐ Plugging

## 4) PROPOSED USE (Check):

☐ Domestic ☐ Industrial ☒ Monitor ☐ Public Supply  
☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

## 5) DRILLING METHOD (Check):

☐ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored  
☐ Air Rotary ☐ Cable Tool ☒ Other Auger

## 6) WELL LOG:

Date Drilling:

Started 4/29/ 19 89Completed 4/29 19 89

## DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
10.25	Surface	52

## BOREHOLE COMPLETION:

☐ Open Hole ☐ Straight Wall ☐ Underreamed  
☒ Gravel Packed ☐ Other \_\_\_\_\_If Gravel Packed give interval ... from 49 ft. to 37 ft.

From (ft.) To (ft.) Description and color of formation material

0 - 6	Fill
6 - 35	Red, grey and tan silty clay
35 - 52	Red, fine silty sand - w/groundwater @ 40.5'

## 8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casting Screen
			From	To	
4	New	PVC Screen	49	39	0.020
4	New	PVC Riser	39	1 to .5	

(Use reverse side if necessary)

## 13) TYPE PUMP:

☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder  
☐ Other \_\_\_\_\_

Depth to pump bowls, cylinder, jet, etc., \_\_\_\_\_ ft.

## 14) WELL TESTS:

Type Test: ☐ Pump ☐ Baller ☐ Jetted ☐ Estimated  
Yield: \_\_\_\_\_ gpm with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.

## 15) WATER QUALITY:

n/a  
Did the drilling penetrate any strata which contained undesirable constituents?  
☐ Yes ☐ No If yes, submit "REPORT OF UNDESIRABLE WATER"  
Type of water? \_\_\_\_\_ Depth of strata \_\_\_\_\_  
Was a chemical analysis made? ☐ Yes ☐ No

## 9) CEMENTING DATA [Rule 287.44(1)]

Cemented from 34 ft. to 1 to .5 ft. No. of Sacks Used \_\_\_\_\_  
\_\_\_\_\_ ft. to \_\_\_\_\_ ft. No. of Sacks Used \_\_\_\_\_Method used TrimmedCemented by D. Smith

## 10) SURFACE COMPLETION

☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]  
☐ Pitless Adapter Used [Rule 287.44(3)(B)]  
☒ Approved Alternative Procedure Used [Rule 287.44(1)]

## 11) WATER LEVEL:

Static level n/a ft. below land surface Date \_\_\_\_\_  
Artesian flow \_\_\_\_\_ gpm. Date \_\_\_\_\_

## 12) PACKERS:

Type	Depth
Bentonite Pellets	1/2" 37 - 34 ft.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Professional Service Industries  
(Type or print)WELL DRILLER'S LICENSE NO. 02834 WADDRESS 1714 Memorial Drive  
(Street or RFD)Houston  
(City)Texas  
(State)77007  
(Zip)(Signed) Frank Smith  
(Licensed Well Driller)(Signed) Dennis Smith  
(Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. 6514-2 Located on map \_\_\_\_\_

**IMPORTANT NOTICE FOR PERSONS  
HAVING WELLS DRILLED CONCERNING  
PRIVILEGE OF CONFIDENTIALITY**

The Water Well Drillers Board and the Texas Water Commission are concerned that some persons having wells drilled may not be aware of the confidentiality privilege provision of Section 5 of the Water Well Drillers Act. Section 5, the Reporting of Well Logs, reads as follows:

"Every licensed water well driller drilling, deepening or otherwise altering a water well within this State shall make and keep, or cause to be made and kept, a legible and accurate well log, and within 60 days from the completion or cessation of drilling, deepening or otherwise altering such a water well, shall deliver or transmit by certified mail a copy of such well log to the Commission, and the owner thereof or the person having had such well drilled. Each copy of a well log, other than a Commission copy, shall include the name, mailing address, and telephone number of the Board and the Commission. The well log required herein shall at the request in writing to the Commission, by certified mail, by the owner or the person having such well drilled be held as confidential matter and not made of public record."

The last sentence specifies the means whereby you can, if you wish, assure that logs of your wells will be kept confidential.

[illegible]

Please use black ink.  
Send original copy by  
certified mail to the  
Texas Water Commission  
P.O. Box 13087  
Austin, Texas 78711

State of Texas  
WATER WELL REPORT

Texas Water Well Drillers Board  
P. O. Box 13087  
Austin, Texas 78711

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER C/O HLA Continental Coffee Products Company Address 6220 Westpark, Suite 100 Houston Texas 77057  
(Name) (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL:  
County Harris County miles in \_\_\_\_\_ direction from \_\_\_\_\_  
(N.E., S.W., etc.) (Town)  
Site #1 235 N. Norwood + NAVIGATION Blvd. in Houston, Texas

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:  
Section No. \_\_\_\_\_ Block No. \_\_\_\_\_ Township \_\_\_\_\_  
Abstract No. \_\_\_\_\_ Survey Name \_\_\_\_\_  
Distance and direction from two intersecting section or survey lines \_\_\_\_\_

☒ See attached map.

3) TYPE OF WORK (Check):  
☒ New Well ☐ Deepening  
☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):  
☐ Domestic ☐ Industrial ☒ Monitor ☐ Public Supply  
☐ Irrigation ☐ Test Well ☐ Injection ☐ Other \_\_\_\_\_

5) DRILLING METHOD (Check): ☐ Driven  
☐ Mud Rotary ☐ Air Hammer ☐ Jetted ☒ Bored  
☐ Air Rotary ☐ Cable Tool ☐ Other \_\_\_\_\_

6) WELL LOG:  
Date Drilling:  
Started 10/19 1988  
Completed 10/19 1988

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
<u>6.5"</u>	<u>Surface</u>	<u>24.5</u>

7) BOREHOLE COMPLETION:  
☐ Open Hole ☐ Straight Wall ☐ Underreamed  
☒ Gravel Packed ☐ Other \_\_\_\_\_  
If Gravel Packed give interval ... from 17.5 ft. to 24.5 ft.

From (ft.)	To (ft.)	Description and color of formation material	Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	To	Gage Casing Screen
<u>0 - 2.5</u>		<u>Dark gray clay + Shell mixture, dry</u>						
<u>2.5 - 5.0</u>		<u>DARK Gray Clay (CH)</u>						
<u>5 - 9.0</u>		<u>TAN + LIGHT GRAY CLAY (CH)</u>	<u>4</u>	<u>N</u>	<u>Sch 40 PVC Pipe</u>	<u>0 - 19'</u>		
<u>9.0 - 13.5</u>		<u>TAN, LIGHT GRAY + REDDISH-BROWN CLAY (CH)</u>	<u>4</u>	<u>N</u>	<u>Sch 40 PVC Screen</u>	<u>19 - 24.5</u>		<u>.040</u>
<u>13.5 - 21.0</u>		<u>TAN + LIGHT GRAY CLAYEY SAND (SC)</u>						
<u>21.0 - 23.5</u>		<u>TAN, Light gray + Reddish-brown clayey SAND (SC)</u>						
<u>23.5 - 24.5</u>		<u>REDDISH-BROWN + TAN CLAY (CH)</u>						

8) CEMENTING DATA [Rule 319.44(b)]  
Cemented from 0 ft. to 17 ft. No. of Sacks Used \_\_\_\_\_  
Bonbrite Pellets 17 ft. to 18 ft. No. of Sacks Used \_\_\_\_\_  
Method used \_\_\_\_\_  
Cemented by C.C.I.

NOTES: ① C.C.I. has installed 12 monitoring wells at this job site. MW #'s 1-12.

② Monitoring Well #7 was used for description, please see attached borings logs for more information and see attached map for location of site and monitoring wells location as well.

RECEIVED  
MAR 30 1989  
TEXAS WATER COMMISSION  
(Use reverse side if necessary)

15) WATER QUALITY:  
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No  
If yes, submit "REPORT OF UNDESIRABLE WATER"  
Type of water? \_\_\_\_\_ Depth of strata \_\_\_\_\_  
Was a chemical analysis made? ☐ Yes ☐ No

10) SURFACE COMPLETION  
☐ Specified Surface Slab Installed [Rule 319.44(c)]  
☐ Pitless Adapter Used [Rule 319.44(d)]  
☐ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:  
Static level 22' ft. below land surface Date of drilling 10/19/88  
Artesian flow \_\_\_\_\_ gpm. Date \_\_\_\_\_

12) PACKERS: Type \_\_\_\_\_ Depth \_\_\_\_\_  
N/A

13) TYPE PUMP: N/A  
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder  
☐ Other \_\_\_\_\_  
Depth to pump bowls, cylinder, jet, etc., \_\_\_\_\_ ft.

14) WELL TESTS: N/A  
Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated  
Yield: \_\_\_\_\_ gpm with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Custom Boring, Inc Water Well Driller's License No. 2769MD  
(Type or Print)

ADDRESS 2032 Karbach Houston Texas 77092  
(Street or RFD) (City) (State) (Zip)

(Signed) Scott Wolf by MA (Signed) \_\_\_\_\_  
(Licensed Water Well Driller) (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.  
For TWC use only  
Well No. 6514-7  
Located on map \_\_\_\_\_

**IMPORTANT NOTICE FOR PERSONS  
HAVING WELLS DRILLED CONCERNING  
PRIVILEGE OF CONFIDENTIALITY**

The Water Well Drillers Board and the Texas Water Commission are concerned that some persons having water wells drilled may not be aware of the confidentiality privilege provision of Section 5 of the Water Well Drillers Act. Section 5, the Reporting of Well Logs, reads as follows:

"Every licensed water well driller drilling, deepening or otherwise altering a water well within this State shall make and keep, or cause to be made and kept, a legible and accurate well log, and within 30 days from the completion or cessation of drilling, deepening or otherwise altering such a water well, shall deliver or transmit by certified mail a copy of such well log to the Commission, and the owner thereof or the person having had such well drilled. Each copy of a well log, other than a Commission copy, shall include the name, mailing address, and telephone number of the Board and the Commission. The well log required herein shall at the request in writing to the Commission, by certified mail, by the owner or the person having such well drilled be held as confidential matter and not made of public record."

The last sentence specifies the means whereby you can, if you wish, assure that logs of your wells will be kept confidential.

Please use black ink.  
Send original copy by  
certified mail to the  
Texas Water Commission  
P.O. Box 13087  
Austin, Texas 78711

State of Texas  
WATER WELL REPORT

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

Texas Water Well Drillers Board  
P. O. Box 13087  
Austin, Texas 78711

1) OWNER AES Address 8323 SW FWY, Suite 710 Houston, Tx. 77074  
(Name) (Street or RFD) (City) (State) (Zip)  
2) LOCATION OF WELL: NE CORNER OF MEMORIAL DR. & WYCLIFFE in Houston  
County Harris miles in \_\_\_\_\_ direction from \_\_\_\_\_  
(N.E., S.W., etc.) (Town) Texas

☐ Legal description:  
Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.  
Section No. \_\_\_\_\_ Block No. \_\_\_\_\_ Township \_\_\_\_\_  
Abstract No. \_\_\_\_\_ Survey Name \_\_\_\_\_  
Distance and direction from two intersecting section or survey lines \_\_\_\_\_  
☒ See attached map.

3) TYPE OF WORK (Check):  
☒ New Well ☐ Deepening  
☐ Reconditioning ☐ Plugging  
4) PROPOSED USE (Check):  
☐ Domestic ☐ Industrial ☒ Monitor ☐ Public Supply  
☐ Irrigation ☐ Test Well ☐ Injection ☐ Other \_\_\_\_\_  
5) DRILLING METHOD (Check): ☐ Driven  
☐ Mud Rotary ☐ Air Hammer ☐ Jetted ☒ Bored  
☐ Air Rotary ☐ Cable Tool ☐ Other \_\_\_\_\_

6) WELL LOG:  
Date Drilling: 8-24 19 87  
Started 8-24 19 87  
Completed 8-24 19 87  
DIAMETER OF HOLE  
Dia. (in.) From (ft.) To (ft.)  
6.5 Surface 28  
7) BOREHOLE COMPLETION:  
☐ Open Hole ☒ Straight Wall ☐ Underreamed  
☒ Gravel Packed ☐ Other \_\_\_\_\_  
If Gravel Packed give interval ... from 2 ft. to 28 ft.

From (ft.)	To (ft.)	Description and color of formation material	Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	To	Gage Casing Screen
0	1	Pavement						
1	18'	Silty sandy clay, gray & yellowish brown	2	N	Sch 40 Screen	5	25	20
			2	N	" Pipe	0	5	-
18	28'	Gray sat. clayey sand						

9) CEMENTING DATA [Rule 319.44(b)]  
Cemented from 0 ft. to 1 ft. No. of Sacks Used 1/2  
Bentonite 1 ft. to 2 ft. No. of Sacks Used 1/2  
Method used Gravity  
Cemented by Cei

10) SURFACE COMPLETION 12" φ manhole  
☐ Specified Surface Slab Installed [Rule 319.44(c)]  
☐ Pitless Adapter Used [Rule 319.44(d)]  
☒ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:  
Static level 22 ft. below land surface Date 8/24/87  
Artesian flow \_\_\_\_\_ gpm. Date \_\_\_\_\_

12) PACKERS: Type \_\_\_\_\_ Depth \_\_\_\_\_

13) TYPE PUMP:  
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder  
☐ Other \_\_\_\_\_  
Depth to pump bowls, cylinder, jet, etc., \_\_\_\_\_ ft.

15) WATER QUALITY:  
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No  
If yes, submit "REPORT OF UNDESIRABLE WATER"  
Type of water? \_\_\_\_\_ Depth of strata \_\_\_\_\_  
Was a chemical analysis made? ☐ Yes ☐ No  
14) WELL TESTS:  
Type Test: ☐ Pump ☒ Bailer ☐ Jetted ☐ Estimated  
Yield: \_\_\_\_\_ gpm with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Custom Coring Inc Water Well Driller's License No. 2669-DM  
(Type or Print)  
ADDRESS 10314 Chevy Chase Houston Tx. 77042  
(Street or RFD) (City) (State) (Zip)  
(Signed) Scott Wolf by MA (Signed) \_\_\_\_\_  
(Licensed Water Well Driller) (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

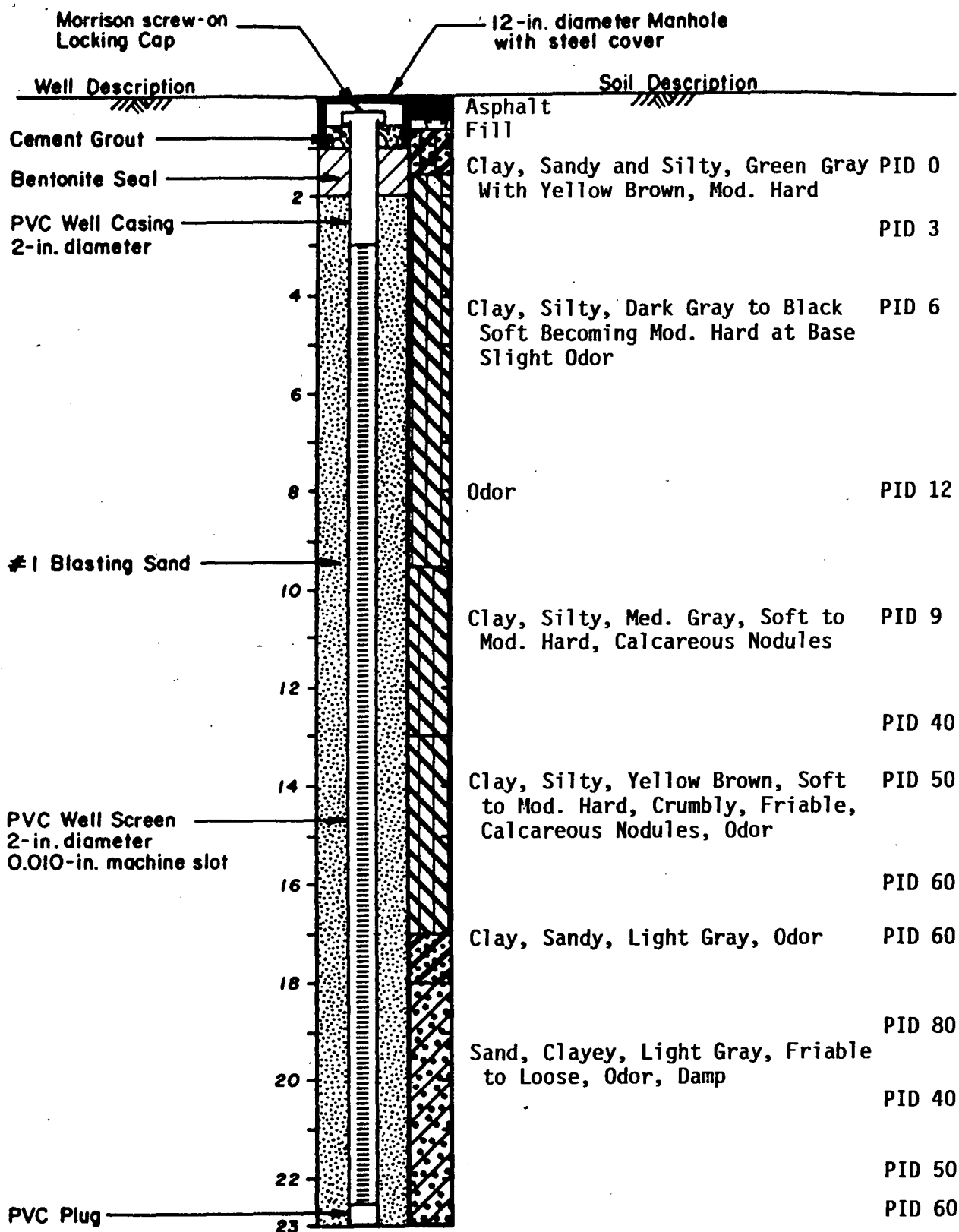
For TWC use only  
Well No. 6514-7  
Located on map \_\_\_\_\_

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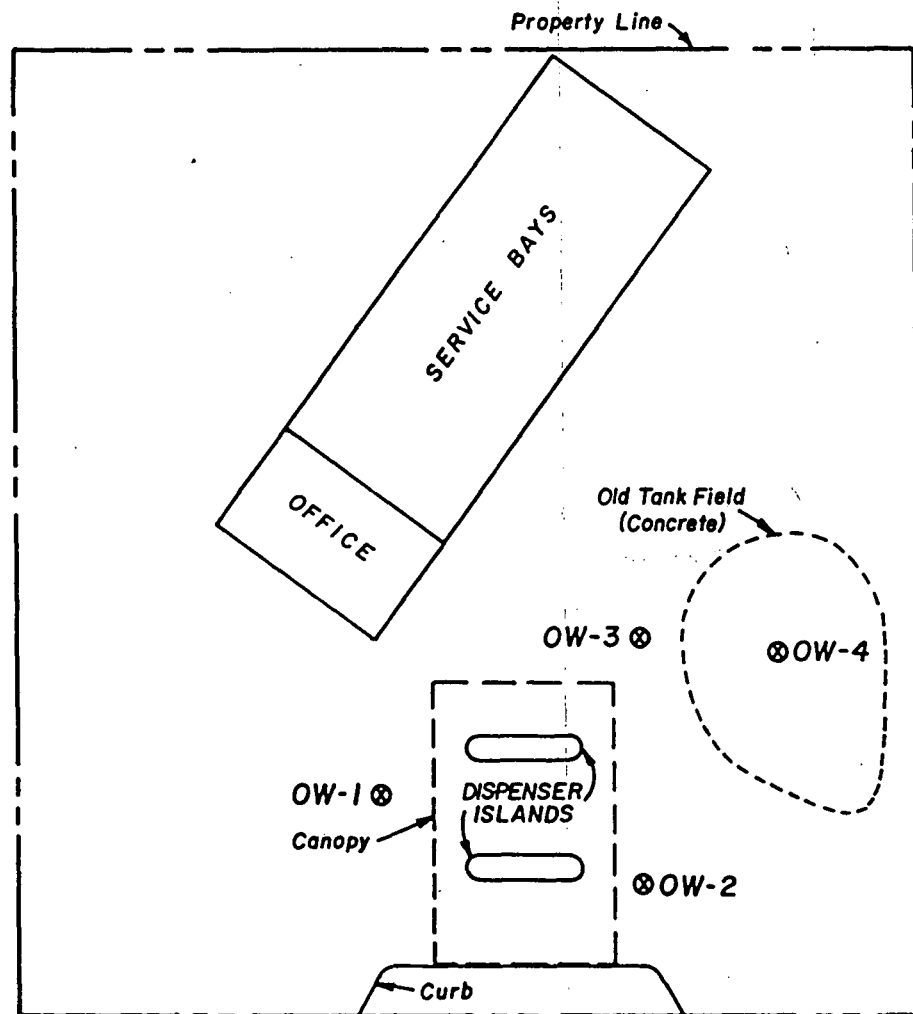
"Every licensed water well driller drilling, deepening or otherwise altering a water well within this State shall make and keep, or cause to be made and kept, a legible and accurate well log, and within 30 days from the completion or cessation of drilling, deepening or otherwise altering such a water well, shall deliver or transmit by certified mail a copy of such well log to the Commission, and the owner thereof or the person having had such well drilled. Each copy of a well log, other than a Commission copy, shall include the name, mailing address, and telephone number of the Board and the Commission. The well log required herein shall at the request in writing to the Commission, by certified mail, by the owner or the person having such well drilled be held as confidential matter and not made of public record."

The last sentence specifies the means whereby you can, if you wish, assure that logs of your wells will be kept confidential.









# LEGEND

OW-1  
⊗ Observation Well Location



30 20 10 0 30  
Approximate Scale in Feet

**Applied Earth Sciences**

NAME

MOBIL OIL CORPORATION  
Station SS 12-K7A  
Houston, Texas

STATION LAYOUT

FIGURE

3

No.  
5-037

MADE BY: R. G. DATE: 8-21-87  
CHECKED BY: DATE: